

10/620,845

(FILE 'HOME' ENTERED AT 14:10:04 ON 04 JUN 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 14:10:30 ON 04 JUN 2004

L1 1204382 S KINASE?  
L2 438123 S HUMAN AND L1  
L3 6548936 S CLON? OR EXPRESS? OR RECOMBINANT  
L4 214612 S L2 AND L3  
L5 3247357 S BRAIN OR PITUITARY OR CEREBELLUM OR SALIVARY  
L6 2507058 S KIDNEY OR TESTIS OR PROSTATE OR THYROID  
L7 833862 S CERVIX OR UTERUS OR PERICARDIUM OR PANCREAS  
L8 17018 S L4 AND L5  
L9 20100 S L4 AND L6  
L10 4904 S L4 AND L7  
L11 37419 S L8 OR L9 OR L10  
L12 37419 S L4 AND L11  
L13 20104 S HUMAN (3W) L1  
L14 2093 S L12 AND L13  
L15 404387 S SERINE OR THREONINE  
L16 427 S L14 AND L15  
E HU Y/AU  
E HU Y/AU  
L17 3415 S E3  
E NEPOMNICHY B/AU  
L18 20 S E3  
E WANG X/AU  
L19 13606 S E3  
E DONOHO G/AU  
L20 64 S E3  
E SCOVILLE J/AU  
L21 31 S E3  
E WADE W D/AU  
L22 20 S E3  
L23 17513 S L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22  
L24 427 S L16 AND L23  
L25 17086 S L17 OR L18 OR L19 OR L20 OR L21 OR L22  
L26 0 S L16 AND L25  
L27 0 S L14 AND L25  
L28 403 S L2 AND L25  
L29 11 S L13 AND L28  
L30 10 DUP REM L29 (1 DUPLICATE REMOVED)  
L31 267 S L4 AND L25  
L32 11 S L13 AND L31  
L33 10 DUP REM L32 (1 DUPLICATE REMOVED)  
L34 9649 S L4 AND L13  
L35 11 S L25 AND L34

=>

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
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NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
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NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
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NEWS	22	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAPLUS
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NEWS	24	May 27	Explore APOLLIT with free connect time in June 2004
NEWS EXPRESS			MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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FILE 'HOME' ENTERED AT 14:10:04 ON 04 JUN 2004

=> file medline embase biosis biotechds scisearch hcaplus ntis lifesci		
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	ENTRY	SESSION
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COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

=> s kinase?  
L1 1204382 KINASE?

=> s human and l1  
L2 438123 HUMAN AND L1

=> s clon? or express? or recombinant  
5 FILES SEARCHED...  
L3 6548936 CLON? OR EXPRESS? OR RECOMBINANT

=> s l2 and l3'  
MISMATCHED QUOTE 'L27''  
Quotation marks (or apostrophes) must be used in pairs,  
one before and one after the expression you are setting  
off or masking.

=> s l2 and l3  
L4 214612 L2 AND L3

=> s brain or pituitary or cerebellum or salivary  
L5 3247357 BRAIN OR PITUITARY OR CEREBELLUM OR SALIVARY

=> s kidney or testis or prostate or thyroid  
L6 2507058 KIDNEY OR TESTIS OR PROSTATE OR THYROID

=> s cervix or uterus or pericardium or pancreas  
L7 833862 CERVIX OR UTERUS OR PERICARDIUM OR PANCREAS

=> s l4 and l5  
L8 17018 L4 AND L5

=> s l4 and l6  
L9 20100 L4 AND L6

=> s l4 and l7  
L10 4904 L4 AND L7

=> s l8 or l9 or l10  
L11 37419 L8 OR L9 OR L10

=> s l4 and l11  
L12 37419 L4 AND L11

=> s human (3w) l1  
L13 20104 HUMAN (3W) L1

=> s l12 and l13  
L14 2093 L12 AND L13

=> s serine or threonine  
L15 404387 SERINE OR THREONINE

=> s l14 and l15  
L16 427 L14 AND L15

=> dup rem l16

COMMAND INTERRUPTED

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=> e hu y/au

E1	1	HTZUBAI ADA/AU
E2	57	HU/AU
E3	0 -->	HU Y/AU
E4	471	HU A/AU
E5	1	HU A */AU
E6	15	HU A A/AU
E7	1	HU A B/AU
E8	8	HU A C/AU
E9	1	HU A C H/AU
E10	3	HU A D/AU
E11	33	HU A G/AU
E12	1	HU A G C/AU

=> e hu y/au

E1	31	HU XUZHEN/AU
E2	8	HU XUZHOU/AU
E3	3415 -->	HU Y/AU
E4	24	HU Y A/AU
E5	55	HU Y B/AU
E6	291	HU Y C/AU
E7	88	HU Y D/AU
E8	14	HU Y E/AU
E9	540	HU Y F/AU
E10	78	HU Y G/AU
E11	720	HU Y H/AU
E12	1	HU Y H A/AU

=> s e3

L17 3415 "HU Y"/AU

=> e nepomnichy b/au

E1	1	NEPOMNIASHIKH G I/AU
E2	1	NEPOMNIATSHCHAIA E M/AU
E3	20 -->	NEPOMNICHY B/AU
E4	21	NEPOMNICHY BORIS/AU
E5	2	NEPOMNIK G B/AU
E6	36	NEPOMNINA V V/AU
E7	1	NEPOMNJASCHAJA E V/AU
E8	1	NEPOMNJASHCHAJA A S/AU
E9	1	NEPOMNJASHCHIKH L M/AU
E10	1	NEPOMNJASTIJ V P/AU
E11	1	NEPOMNVASHAVA E/AU
E12	1	NEPOMNVASHCHIKH G I/AU

=> s e3

L18 20 "NEPOMNICHY B"/AU

=> e wang x/au

E1	2	WANG WY/AU
E2	1	WANG WZ/AU
E3	13606 -->	WANG X/AU
E4	1	WANG X */AU
E5	64	WANG X A/AU
E6	1	WANG X A Y/AU
E7	1	WANG X AMBER/AU
E8	925	WANG X B/AU
E9	1	WANG X B Y HUANG/AU
E10	772	WANG X C/AU
E11	4	WANG X C A/AU
E12	3	WANG X C G/AU

=> s e3

L19 13606 "WANG X"/AU

=> e donoho g/au

E1	8	DONOH O DAVID L/AU
E2	1	DONOH O DAVID W/AU
E3	64 -->	DONOH O G/AU
E4	1	DONOH O G A/AU
E5	8	DONOH O G P/AU
E6	16	DONOH O GREG/AU
E7	1	DONOH O GREG A/AU
E8	1	DONOH O GREG P/AU
E9	54	DONOH O GREGORY/AU
E10	3	DONOH O GREGORY P/AU
E11	1	DONOH O GREGORY PAUL/AU
E12	1	DONOH O H R/AU

=> s e3

L20 64 "DONOH O G"/AU

=> e scoville j/au

E1	2	SCOVILLE H JR/AU
E2	1	SCOVILLE HERBERT JR/AU
E3	31 -->	SCOVILLE J/AU
E4	1	SCOVILLE J G/AU
E5	12	SCOVILLE J J/AU
E6	3	SCOVILLE J M/AU
E7	2	SCOVILLE J MARK/AU
E8	5	SCOVILLE J P/AU
E9	4	SCOVILLE J R JR/AU

E10	102	SCOVILLE J T/AU
E11	32	SCOVILLE JOHN/AU
E12	1	SCOVILLE JOHN P/AU

```
=> s e3
L21      31 "SCOVILLE J"/AU
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=> e wade w d/au
E1      13      WADE W B/AU
E2      5       WADE W C/AU
E3     20 -->   WADE W D/AU
E4    156      WADE W E/AU
E5      1       WADE W E 3RD/AU
E6    225      WADE W F/AU
E7      1       WADE W F */AU
E8    310      WADE W G/AU
E9      7       WADE W G */AU
E10    226     WADE W H/AU
E11     2       WADE W I/AU
E12    23      WADE W J/AU
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=> s e3
L22     20 "WADE W D"/AU
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=> d his
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(FILE 'HOME' ENTERED AT 14:10:04 ON 04 JUN 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 14:10:30 ON 04 JUN 2004

L1	1204382	S KINASE?
L2	438123	S HUMAN AND L1
L3	6548936	S CLON? OR EXPRESS? OR RECOMBINANT
L4	214612	S L2 AND L3
L5	3247357	S BRAIN OR PITUITARY OR CEREBELLUM OR SALIVARY
L6	2507058	S KIDNEY OR TESTIS OR PROSTATE OR THYROID
L7	833862	S CERVIX OR UTERUS OR PERICARDIUM OR PANCREAS
L8	17018	S L4 AND L5
L9	20100	S L4 AND L6
L10	4904	S L4 AND L7
L11	37419	S L8 OR L9 OR L10
L12	37419	S L4 AND L11
L13	20104	S HUMAN (3W) L1
L14	2093	S L12 AND L13
L15	404387	S SERINE OR THREONINE
L16	427	S L14 AND L15
		E HU Y/AU
		E HU Y/AU
L17	3415	S E3
		E NEPOMNICHY B/AU
L18	20	S E3
		E WANG X/AU
L19	13606	S E3
		E DONOHO G/AU
L20	64	S E3
		E SCOVILLE J/AU
L21	31	S E3
		E WADE W D/AU
L22	20	S E3

```
=> s l16 or l17 or l18 or l19 or l20 or l21 or l22
L23     17513 L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22
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=> s l16 and l23
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L24 427 L16 AND L23

=> s l17 or l18 or l19 or l20 or l21 or l22  
L25 17086 L17 OR L18 OR L19 OR L20 OR L21 OR L22

=> s l16 and l25  
L26 0 L16 AND L25

=> s l14 and l25  
L27 0 L14 AND L25

=> s l2 and l25  
L28 403 L2 AND L25

=> s l13 and l28  
L29 11 L13 AND L28

=> dup rem l29  
PROCESSING COMPLETED FOR L29  
L30 10 DUP REM L29 (1 DUPLICATE REMOVED)

=> d 1-10 ibib ab

L30 ANSWER 1 OF 10 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2004-04631 BIOTECHDS

TITLE: New **human kinase** nucleic acid molecules,  
useful for diagnosis, drug screening, clinical trial  
monitoring and treating diseases or disorders associated with  
biological disorders or imbalances;  
involving vector-mediated gene transfer and expression in  
host cell for use in gene therapy

AUTHOR: HU Y; NEPOMNICHY B; GERHARDT B; WALKE D  
W; FRIDDLE C J

PATENT ASSIGNEE: HU Y; NEPOMNICHY B; GERHARDT B; WALKE D W; FRIDDLE C J

PATENT INFO: US 2003175949 18 Sep 2003

APPLICATION INFO: US 2003-430797 6 May 2003

PRIORITY INFO: US 2003-430797 6 May 2003; US 2000-243893 27 Oct 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2003-898545 [82]

AB DERWENT ABSTRACT:

NOVELTY - An isolated nucleic acid molecule comprising a sequence of 2829  
(S1) or 927 (S2) bp, fully defined in the specification, is new.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for an  
isolated nucleic acid expression vector comprising a promoter element  
operatively positioned to express a transcript encoding a sequence of 942  
or 308 amino acids, fully defined in the specification.

BIOTECHNOLOGY - Preferred Molecule: The nucleic acid molecule  
encodes a sequence of 942 or 308 amino acids, fully defined in the  
specification. It hybridizes under stringent conditions to S1 or its  
complement.

ACTIVITY - None given.

MECHANISM OF ACTION - Gene therapy.

USE - The nucleic acid molecules are useful for diagnosis, drug  
screening, clinical trial monitoring and treating diseases or disorders  
associated with biological disorders or imbalances. (17 pages)

L30 ANSWER 2 OF 10 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2002-20053 BIOTECHDS

TITLE: Novel **human kinase** polynucleotide  
encoding a protein that shares structural similarity with  
animal **kinases** for therapeutic, diagnostic and  
pharmacogenomic applications;  
vector-mediated recombinant protein gene transfer and

expression in host cell for use in diagnosis, therapy,  
pharmacogenetics, mapping, forensics, DNA probe and DNA  
microarray

AUTHOR: HU Y; KIEKE J A; DONOHO G  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002055685 18 Jul 2002  
APPLICATION INFO: WO 2000-US47606 11 Dec 2000  
PRIORITY INFO: US 2000-254744 11 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-566739 [60]

AB DERWENT ABSTRACT:

NOVELTY - A **human kinase** polynucleotide (I) encoding  
a protein that shares structural similarity with animal **kinases**  
, selected from a polynucleotide that encodes a sequence of 1036 amino  
acids fully defined in the specification, and a polynucleotide that  
hybridizes under highly stringent conditions to a sequence of 3111 base  
pairs fully defined in the specification or its complement, is new.

WIDER DISCLOSURE - Disclosed are: (1) a host cell expression system  
expressing (I); (2) a protein encoded by (I); (3) a fusion protein  
comprising the protein encoded by (I); (4) antibodies or anti-idiotypic  
antibodies that binds specifically to the protein encoded by (I); (5) a  
genetically engineered animal that either lacks or overexpresses (I); (6)  
antagonists or agonists of the protein encoded by (I); (7) a compound  
that modulates the expression or activity of the protein encoded by (I);  
(8) a pharmaceutical formulation and treatment of biological disorders;  
(9) a protein that is functionally equivalent to the protein encoded by  
(I); and (10) a deoxyribonucleic acid (DNA) vector that contains the  
**human kinase** coding sequences and/or their complements.

USE - (I) is useful in therapeutic, diagnostic and pharmacogenomic  
applications and for identifying compounds that modulate, i.e. act as  
agonists or antagonists of the gene expression or gene product activity.  
(I) is useful for the identification of protein coding sequences, for  
mapping a unique gene to a particular chromosome, as additional DNA  
markers for restriction fragment length polymorphism (RFLP) analysis and  
in forensic biology, for screening libraries, isolating clones,  
preparing, cloning and sequencing templates, as hybridization probes, in  
microarrays or other assay formats, to screen collections of genetic  
material from patients who have a particular medical condition, to  
identify mutations associated with a particular disease and also as a  
diagnostic or prognostic assay. (I) is useful for the detection of mutant  
**human** proteins, or inappropriately expressed proteins for the  
diagnosis of disease, for screening for drugs effective in the treatment  
of the symptomatic or phenotypic manifestations of perturbing the normal  
function of the protein in the body, for generation of antibodies, for  
identification of other cellular gene products related to the protein,  
and as reagents in assays for screening for compounds that can be used as  
pharmaceutical agents in the therapeutic treatment of mental, biological  
or medical disorders and diseases.

EXAMPLE - No suitable example given. (41 pages)

L30 ANSWER 3 OF 10 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2002-04068 BIOTECHDS

TITLE: New nucleic acid molecules encoding new **human**  
proteins, useful in diagnosis, drug screening, clinical  
trials monitoring, treatment of physiological disorders and  
cosmetic or nutraceutical applications;  
vector-mediated **kinase** gene transfer and  
expression in host cell, antibody, DNA probe, DNA primer  
and transgenic animal for disease diagnosis and gene  
therapy

AUTHOR: Hu Y; Nepomnichy B; Wang X;  
Donoho G; Scoville J; Walke D W  
PATENT ASSIGNEE: Lexicon-Genetics



LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001081557 1 Nov 2001  
APPLICATION INFO: WO 2001-US13149 24 Apr 2001  
PRIORITY INFO: US 2000-201227 1 May 2000; US 2000-199499 25 Apr 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-034442 [04]

AB A nucleic acid (I) encoding a new **human kinase** (II) with a 1,545 or 1,224 bp DNA sequence fully defined encoding a 514, 407 or 396 amino acid protein sequence fully defined is claimed. Also disclosed as new are: vectors containing (I); host cell containing (I); fusion proteins containing (I); antibodies and anti-idiotypic for (I); transgenic animals that lack or overexpress (I); agonist and antagonist of (I); and compounds that modulate the expression or activity of (I). (I) gene was isolated by polymerase chain reaction using DNA primers. (I) can be used for diagnosis, drug screening, clinical trial monitoring, physiological disorder therapy and cosmetic or nutraceutical applications. (I) can also be used for gene mapping and as a DNA probe for screening libraries and assessing gene expression profiles and for the detection of mutants for disease diagnosis. (I) is also useful in pharmacogenomics. (44pp)

L30 ANSWER 4 OF 10 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2001-15821 BIOTECHDS  
TITLE: Isolated nucleic acids encoding novel **human** proteins useful for the treatment of disease and as probes for testing and detection;  
recombinant **kinase** and encoding sense and antisense DNA for use in therapy and gene therapy and drug screening

AUTHOR: Walke D W; Hu Y; Nepomnichy B; Turner Jr C A; Zambrowicz B

PATENT ASSIGNEE: Lexicon-Genetics  
LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001061016 23 Aug 2001  
APPLICATION INFO: WO 2001-US5356 15 Feb 2001  
PRIORITY INFO: US 2000-184014 22 Feb 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2001-502793 [55]

AB Isolated nucleic acid molecules (NAMs) encoding new **human** proteins (**kinases**) are claimed. Also claimed are: a NAM (I) having at least 24 contiguous bases of a 3,108 bp sequence or that hybridizes to this sequence under stringent conditions or that encodes a 1,035 amino acid protein sequence (disclosed); NAM (II) comprising a sequence encoding a 1,214 amino acid protein; a NAM (III) having a sequence encoding a 1,007 amino acid protein sequence; a NAM (IV) comprising at least 24 contiguous bases of a 1,007 bp sequence or that hybridizes to it under stringent conditions or that encodes a 576 amino acid sequence; a NAM (V) having a sequence encoding a 560 amino acid sequence; and a NAM (VI) comprising a sequence encoding a 520 amino acid protein sequence. The proteins are mammal transporter proteins useful for therapy and as drug targets for drug discovery. Protein and DNA sequences are disclosed. (I) to (VI) can be used in sense or antisense gene therapy and as probes for diagnosis. Transgenic animals, fusion proteins, antibodies, agonists and antagonists are disclosed. (70pp)

L30 ANSWER 5 OF 10 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2001-14671 BIOTECHDS  
TITLE: **Human kinase** protein and polynucleotides encoding the same;  
involving vector-mediated gene transfer for expression in host cell, antibody, agonist and antagonist  
AUTHOR: Donoho G; Hilbun E; Turner Jr C A; Friedrich G;

Zambrowicz B; Sands A T  
PATENT ASSIGNEE: Lexicon-Genetics  
LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001053493 26 Jul 2001  
APPLICATION INFO: WO 2001-US2120 18 Jan 2001  
PRIORITY INFO: US 2000-176690 18 Jan 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2001-442260 [47]

AB An isolated nucleic acid molecule (I) comprising at least 24 contiguous bases of a 1,269 bp sequence, is claimed. Also claimed re: an isolated nucleic acid molecule (II) comprising a nucleotide sequence that encodes a 422 amino acid sequence or its complement; and an isolated nucleic acid. (I) can be used to screen libraries, isolate clones and prepare cloning and sequencing templates and as hybridization probes for screening libraries. (II) and (III) are useful as therapeutics. Also disclosed are: novel proteins encoded by (III); agonists and antagonists of the NHPs; processes for identifying compounds that modulate the NHPs; DNA vectors; genetically engineered host cells; and antibodies. (33pp)

L30 ANSWER 6 OF 10 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2001-13012 BIOTECHDS

TITLE: Novel isolated **human** protease polynucleotide that shares structural similarity with animal **kinases** including calcium/calmodulin-dependent protein **kinases** and serine/threonine protein **kinases**, useful in therapeutics; for use in gene therapy

AUTHOR: Donoho G; Scoville J; Turner Jr C A; Friedrich G; Zambrowicz B; Abuin A; Sands A T

PATENT ASSIGNEE: Lexicon-Genetics  
LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001042435 14 Jun 2001  
APPLICATION INFO: WO 2000-US33362 8 Dec 2000  
PRIORITY INFO: US 1999-169769 9 Dec 1999  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2001-381688 [40]

AB An isolated **human** protein-kinase (EC-2.7.1.37) polynucleotide (NHP) (I) selected from a polynucleotide comprising at least 24 contiguous bases of a sequence (S) comprising 1,158 bp, a sequence that encodes a 385 or 356 amino acid sequence, and a sequence that hybridizes under stringent conditions to S or its complement, is claimed. (I) is useful in therapeutic, diagnostic and pharmacogenomic applications. (I) is useful for the detection of mutant NHP, or inappropriately expressed NHPs for the diagnosis of a disease. (I) is useful for drug screening (or high throughput screening of combinatorial libraries) effective in the treatment of symptomatic or phenotypic manifestations of perturbing the normal function of NHP in the body. (I) is useful in conjunction with polymerase chain reaction to screen libraries, isolate clones, and prepare cloning and sequencing templates. (I) is useful as hybridization probe for screening libraries, and assessing gene expression patterns. (31pp)

L30 ANSWER 7 OF 10 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2001-08848 BIOTECHDS

TITLE: New isolated **human** kinase polynucleotide useful for generating antibodies, as reagents in diagnostic assays and for screening for compounds useful for treating mental, biological or medical diseases; vector-mediated expression in host cell for enzyme production and gene therapy

AUTHOR: Donoho G; Turner C A; Nehls M; Friedrich G; Zambrowicz B; Sands A T

PATENT ASSIGNEE: Lexicon-Genetics  
LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001023579 5 Apr 2001  
APPLICATION INFO: WO 2000-US26621 27 Sep 2000  
PRIORITY INFO: US 1999-156511 28 Sep 1999  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2001-266166 [27]

AB An isolated **human kinase** polynucleotide (I) containing a polynucleotide with 24 bases of a DNA sequence (S) with 1,041 bp, a DNA sequence encoding a 347 amino acid protein or a DNA sequence that hybridizes to (S) is claimed. Also claimed are: an isolated nucleic acid molecule (II) encoding a sequence with 315 amino acids; a protein (P) encoded by (I); antibodies to (P); a host cell expression system containing (I); transgenic animals, lacking or expressing (I); an antagonist or agonist of (P); degenerate nucleic acid variants of (I); and a pharmaceutical formulation for treating biological disorders. The above can be used for the detection of mutant **human kinase** for the diagnosis of diseases and gene therapy. (I) can be used for drug screening and for the generation of antibodies, as reagents in diagnostic assays and are useful for treating mental, biological or medical disorders and diseases. (38pp)

L30 ANSWER 8 OF 10 MEDLINE on STN DUPLICATE 1

ACCESSION NUMBER: 96421968 MEDLINE  
DOCUMENT NUMBER: PubMed ID: 8824585  
TITLE: **Human HPK1**, a novel **human** hematopoietic progenitor **kinase** that activates the JNK/SAPK **kinase** cascade.

AUTHOR: Hu M C; Qiu W R; Wang X; Meyer C F; Tan T H  
CORPORATE SOURCE: Department of Experimental Hematology, Amgen, Inc., Thousand Oaks, California 91320, USA.  
CONTRACT NUMBER: RO1-GM49875 (NIGMS)  
T32-AI07483 (NIAID)  
T32-AI07495 (NIAID)

+  
SOURCE: Genes & development, (1996 Sep 15) 10 (18) 2251-64.  
Journal code: 8711660. ISSN: 0890-9369.  
PUB. COUNTRY: United States  
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
LANGUAGE: English  
FILE SEGMENT: Priority Journals  
OTHER SOURCE: GENBANK-U66464  
ENTRY MONTH: 199612  
ENTRY DATE: Entered STN: 19970128  
Last Updated on STN: 20020420  
Entered Medline: 19961213

AB The c-Jun amino-terminal **kinases** (JNKs)/stress-activated protein **kinases** (SAPKs) play a crucial role in stress responses in mammalian cells. The mechanism underlying this pathway in the hematopoietic system is unclear, but it is a key in understanding the molecular basis of blood cell differentiation. We have cloned a novel protein **kinase**, termed hematopoietic progenitor **kinase** 1 (HPK1), that is expressed predominantly in hematopoietic cells, including early progenitor cells. HPK1 is related distantly to the p21(Cdc42/Rac1)-activated **kinase** (PAK) and yeast STE20 implicated in the mitogen-activated protein **kinase** (MAPK) cascade. Expression of HPK1 activates JNK1 specifically, and it elevates strongly AP-1-mediated transcriptional activity in vivo. HPK1 binds and phosphorylates MEKK1 directly, whereas JNK1 activation by HPK1 is inhibited by a dominant-negative MEKK1 or MKK4/SEK mutant. Interestingly, unlike PAK65, HPK1 does not contain the small GTPase Rac1/Cdc42-binding domain and does not bind to either Rac1 or Cdc42, suggesting that HPK1 activation is Rac1/Cdc42-independent. These results indicate that HPK1 is

a novel functional activator of the JNK/SAPK signaling pathway.

L30 ANSWER 9 OF 10 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 1990:247657 BIOSIS  
DOCUMENT NUMBER: PREV199038114245; BR38:114245  
TITLE: A SIMPLE METHOD FOR DIRECT CLONING COMPLEMENTARY DNA  
SEQUENCE THAT FLANKS A REGION OF KNOWN SEQUENCE FROM TOTAL  
RNA BY APPLYING THE INVERSE POLYMERASE CHAIN REACTION.  
AUTHOR(S): HUANG S [Reprint author]; HU Y; WU C; HOLCENBERG  
J  
CORPORATE SOURCE: DIV HEMATOL/ONCOL, CHILDREN HOSP, LOS ANGELES, CALIF 90054,  
USA  
SOURCE: Nucleic Acids Research, (1990) Vol. 18, No. 7, pp. 1922.  
CODEN: NARHAD. ISSN: 0305-1048.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BR  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 23 May 1990  
Last Updated on STN: 31 May 1990

L30 ANSWER 10 OF 10 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 1990-06714 BIOTECHDS  
TITLE: A simple method for direct cloning cDNA sequence that flanks  
a region of known sequence from total RNA by applying the  
inverse polymerase chain reaction;  
flanking sequence gene cloning method  
AUTHOR: Huang S H; Hu Y; Wu C; Holcenberg J  
LOCATION: Division of Hematology/Oncology, Children's Hospital of Los  
Angeles, Los Angeles, CA 90054, USA.  
SOURCE: Nucleic Acids Res.; (1990) 18, 7, 1922  
CODEN: NARHAD  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
AB The inverse polymerase chain reaction (IPCR) has been successfully used  
in the amplification of genomic DNA segments flanking a region of known  
sequence. A method was developed to extend the IPCR to direct cloning of  
unknown cDNA sequences from total RNA. The method was used to clone the  
5' and 3'-regions of low-abundance **human** deoxycytidine-  
**kinase** (EC-2.7.1.74) mRNA. Double-stranded cDNA was synthesized  
from total cellular RNA of **human** CCRF/CEM and CCRF/CEM/dC  
**kinase**-negative cells. The cDNA was ligated from end to end  
using phage T4 DNA-ligase. Circularized cDNA was then amplified with  
gene-specific DNA primers and Taq DNA-polymerase (EC-2.7.7.7). The  
fragment obtained was confirmed by the size and DNA blotting. An expected  
segment (120 bp) was amplified in the second polymerase chain reaction  
with an internal primer and the 5'-primer. This method is useful for  
cloning of full-length cDNA when only a short peptide or cDNA sequence is  
known. (7 ref)

=> d his

(FILE 'HOME' ENTERED AT 14:10:04 ON 04 JUN 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,  
LIFESCI' ENTERED AT 14:10:30 ON 04 JUN 2004

L1 1204382 S KINASE?  
L2 438123 S HUMAN AND L1  
L3 6548936 S CLON? OR EXPRESS? OR RECOMBINANT  
L4 214612 S L2 AND L3  
L5 3247357 S BRAIN OR PITUITARY OR CEREBELLUM OR SALIVARY  
L6 2507058 S KIDNEY OR TESTIS OR PROSTATE OR THYROID  
L7 833862 S CERVIX OR UTERUS OR PERICARDIUM OR PANCREAS  
L8 17018 S L4 AND L5

```

L9      20100 S L4 AND L6
L10     4904 S L4 AND L7
L11     37419 S L8 OR L9 OR L10
L12     37419 S L4 AND L11
L13     20104 S HUMAN (3W) L1
L14     2093 S L12 AND L13
L15     404387 S SERINE OR THREONINE
L16     427 S L14 AND L15
        E HU Y/AU
        E HU Y/AU
L17     3415 S E3
        E NEPOMNICHY B/AU
L18     20 S E3
        E WANG X/AU
L19     13606 S E3
        E DONOHO G/AU
L20     64 S E3
        E SCOVILLE J/AU
L21     31 S E3
        E WADE W D/AU
L22     20 S E3
L23     17513 S L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22
L24     427 S L16 AND L23
L25     17086 S L17 OR L18 OR L19 OR L20 OR L21 OR L22
L26     0 S L16 AND L25
L27     0 S L14 AND L25
L28     403 S L2 AND L25
L29     11 S L13 AND L28
L30     10 DUP REM L29 (1 DUPLICATE REMOVED)

```

=> s l4 and l25

```
L31      267 L4 AND L25
```

=> s l13 and l31

```
L32      11 L13 AND L31
```

=> dup rem l32

PROCESSING COMPLETED FOR L32

```
L33      10 DUP REM L32 (1 DUPLICATE REMOVED)
```

=> s l4 and l13

```
L34      9649 L4 AND L13
```

=> s l25 and l34

```
L35      11 L25 AND L34
```

=> d l28 403-303 ibib

'403-303' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

=> d l28 303-403 ibib

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L28  ANSWER 303 OF 403  BIOSIS  COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
ACCESSION NUMBER:  1990:247657  BIOSIS
DOCUMENT NUMBER:   PREV199038114245; BR38:114245
TITLE:             A SIMPLE METHOD FOR DIRECT CLONING COMPLEMENTARY DNA
                   SEQUENCE THAT FLANKS A REGION OF KNOWN SEQUENCE FROM TOTAL
                   RNA BY APPLYING THE INVERSE POLYMERASE CHAIN REACTION.
AUTHOR(S):         HUANG S [Reprint author]; HU Y; WU C; HOLCENBERG
                   J

```

CORPORATE SOURCE: DIV HEMATOL/ONCOL, CHILDREN HOSP, LOS ANGELES, CALIF 90054,  
USA  
SOURCE: Nucleic Acids Research, (1990) Vol. 18, No. 7, pp. 1922.  
CODEN: NARHAD. ISSN: 0305-1048.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BR  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 23 May 1990  
Last Updated on STN: 31 May 1990

L28 ANSWER 304 OF 403 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 1990:72205 BIOSIS  
DOCUMENT NUMBER: PREV199089040031; BA89:40031  
TITLE: STUDIES ON THE RELATIONSHIP BETWEEN PROTEIN KINASE  
C AND DIFFERENTIATION OF HUMAN PROMYELOCYTIC  
LEUKEMIA CELLS INDUCED BY RETINOIC ACID.  
AUTHOR(S): WU X [Reprint author]; SHAO G; CHEN S; WANG X;  
WANG Z-Y  
CORPORATE SOURCE: HEMATOL DEP, JIN LING HOSP, 305 ZHONGSHANG RD EAST,  
NANJING, PEOPLE'S REPUBLIC OF CHINA  
SOURCE: Leukemia Research, (1989) Vol. 13, No. 10, pp. 869-874.  
CODEN: LEREDD. ISSN: 0145-2126.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 23 Jan 1990  
Last Updated on STN: 24 Jan 1990

L28 ANSWER 305 OF 403 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 1989:491849 BIOSIS  
DOCUMENT NUMBER: PREV198988118386; BA88:118386  
TITLE: GROWTH HORMONE PROMOTED TYROSYL PHOSPHORYLATION OF GROWTH  
HORMONE RECEPTORS IN MURINE 3T3-F442A FIBROBLASTS AND  
ADIPOCYTES.  
AUTHOR(S): FOSTER C M [Reprint author]; SHAFER J A; ROZSA F W;  
WANG X; LEWIS S D; RENKEN D A; NATALE J E; SCHWARTZ  
J; CARTER-SU C  
CORPORATE SOURCE: DEP PHYSIOL, UNIV MICH MED SCH, ANN ARBOR, MICH 48109, USA  
SOURCE: Biochemistry, (1988) Vol. 27, No. 1, pp. 326-334.  
CODEN: BICHAW. ISSN: 0006-2960.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 2 Nov 1989  
Last Updated on STN: 4 Nov 1989

L28 ANSWER 306 OF 403 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 1989:412408 BIOSIS  
DOCUMENT NUMBER: PREV198937067871; BR37:67871  
TITLE: REFERENCE VALUE OF CREATINE KINASE COENZYMES IN  
ADOLESCENTS.  
AUTHOR(S): WANG X; ET AL  
SOURCE: Hunan Yike Daxue Xuebao, (1989) Vol. 14, No. 1, pp. 68.  
ISSN: 1000-5625.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BR  
LANGUAGE: CHINESE  
ENTRY DATE: Entered STN: 7 Sep 1989  
Last Updated on STN: 7 Sep 1989

L28 ANSWER 307 OF 403 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
ACCESSION NUMBER: 1988:374197 BIOSIS  
DOCUMENT NUMBER: PREV198886058107; BA86:58107  
TITLE: INVESTIGATION ON ACTIVITIES OF SERUM CREATINE

**KINASE ISOENZYMES IN JUVENILE ATHLETES.**  
AUTHOR(S): **WANG X** [Reprint author]; **ZHENG C**; **CHEN Z**; **LI X**;  
WANG W  
CORPORATE SOURCE: **DEP BIOCHEM**  
SOURCE: Bulletin of Hunan Medical College, (1988) Vol. 13, No. 1,  
pp. 35-37.  
CODEN: **HYHPDO**. ISSN: 0253-3170.  
DOCUMENT TYPE: Article  
FILE SEGMENT: BA  
LANGUAGE: CHINESE  
ENTRY DATE: Entered STN: 18 Aug 1988  
Last Updated on STN: 18 Aug 1988

L28 ANSWER 308 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2004-10637 BIOTECHDS  
TITLE: Treating, preventing or ameliorating symptoms or diseases  
associated with aging, e.g. emphysema, cancer or gastric  
ulcer, comprises inducing protein expression and/or nuclear  
localization of Forkhead Box M1B in a target cell;  
protein expression induction and virus vector expression  
in host cell for use in disease therapy  
AUTHOR: **COSTA R H**; **WANG X**; **TAN Y**; **KALINICHENKO V**;  
**KRUPCZAK-HOLLIS K**; **WANG I**; **MAJOR M**  
PATENT ASSIGNEE: **UNIV ILLINOIS FOUND**  
PATENT INFO: **WO 2004019761 11 Mar 2004**  
APPLICATION INFO: **WO 2003-US27098 28 Aug 2003**  
PRIORITY INFO: **US 2002-426068 13 Nov 2002**; **US 2002-406582 28 Aug 2002**  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: **WPI: 2004-239099 [22]**

L28 ANSWER 309 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2004-04631 BIOTECHDS  
TITLE: New human kinase nucleic acid molecules,  
useful for diagnosis, drug screening, clinical trial  
monitoring and treating diseases or disorders associated with  
biological disorders or imbalances;  
involving vector-mediated gene transfer and expression in  
host cell for use in gene therapy  
AUTHOR: **HU Y**; **NEPOMNICHY B**; **GERHARDT B**; **WALKE D**  
**W**; **FRIDDLE C J**  
PATENT ASSIGNEE: **HU Y**; **NEPOMNICHY B**; **GERHARDT B**; **WALKE D W**; **FRIDDLE C J**  
PATENT INFO: **US 2003175949 18 Sep 2003**  
APPLICATION INFO: **US 2003-430797 6 May 2003**  
PRIORITY INFO: **US 2003-430797 6 May 2003**; **US 2000-243893 27 Oct 2000**  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: **WPI: 2003-898545 [82]**

L28 ANSWER 310 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2004-01968 BIOTECHDS  
TITLE: New prostate cancer antigen diagnostic marker 1 (PCADM-1)  
proteins and encoding nucleic acid molecules, useful for  
diagnosing and treating diseases associated with altered  
levels of PDCAM-1, such as prostate cancer;  
involving vector-mediated gene transfer and expression in  
host cell for use in gene therapy  
AUTHOR: **STEARNS M**; **HU Y**; **WANG M**  
PATENT ASSIGNEE: **PHILADELPHIA HEALTH and EDUCATION CORP**  
PATENT INFO: **WO 2003094844 20 Nov 2003**  
APPLICATION INFO: **WO 2003-US14098 7 May 2003**  
PRIORITY INFO: **US 2002-140602 7 May 2002**; **US 2002-140602 7 May 2002**  
DOCUMENT TYPE: Patent  
LANGUAGE: English

OTHER SOURCE: WPI: 2004-011996 [01]

L28 ANSWER 311 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-23467 BIOTECHDS  
TITLE: New nucleic acid molecules encoding novel **human** proteins (NHPs), e.g. sharing sequence similarity with animal **kinases** or receptor tyrosine **kinases**, useful for diagnosis, drug screening, and treatment of diseases and disorders;  
virus vector-mediated gene transfer and expression in bacterium, yeast, fungus, insect, mammal cell for recombinant protein-tyrosine-**kinase** receptor  
AUTHOR: **HU Y**; **NEPOMNICHY B**; GERHARDT B; WALKE D  
W; FRIDDLE C J  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: US 6586230 1 Jul 2003  
APPLICATION INFO: US 2001-4542 23 Oct 2001  
PRIORITY INFO: US 2001-4542 23 Oct 2001; US 2000-243893 27 Oct 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-634547 [60]

L28 ANSWER 312 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-07697 BIOTECHDS  
TITLE: Novel polynucleic acid segment useful for modulating gene expression within a cell by posttranscriptional gene silencing, and for augmenting a plant cell genome;  
transgenic plant construction involving vector-mediated gene transfer and expression in host cell for use in stress tolerance, disease-resistance and herbicide resistance  
AUTHOR: ZHU T; GLAZOV E A; MEINS F; **WANG X**; CHANG H  
PATENT ASSIGNEE: SYNGENTA PARTICIPATIONS AG; FRIEDRICH MIESCHER INST  
PATENT INFO: WO 2002081695 17 Oct 2002  
APPLICATION INFO: WO 2002-EP3806 5 Apr 2002  
PRIORITY INFO: US 2001-282049 6 Apr 2001; US 2001-282049 6 Apr 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-103337 [09]

L28 ANSWER 313 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2003-07423 BIOTECHDS  
TITLE: Novel mammalian prostate cancer marker 1 polypeptide useful for diagnosing prostate cancer in mammal, as tools for elucidating the functions of the polypeptide in cell, and as therapeutics for treating prostate cancer;  
vector-mediated gene transfer and expression in host cell for cancer diagnosis and gene therapy  
AUTHOR: STEARNS M; **HU Y**; WANG M  
PATENT ASSIGNEE: PHILADELPHIA HEALTH and EDUCATION CORP  
PATENT INFO: WO 2002083081 24 Oct 2002  
APPLICATION INFO: WO 2002-US8673 21 Mar 2002  
PRIORITY INFO: US 2001-813380 21 Mar 2001; US 2001-813380 21 Mar 2001  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2003-075502 [07]

L28 ANSWER 314 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2002-20053 BIOTECHDS  
TITLE: Novel **human kinase** polynucleotide encoding a protein that shares structural similarity with animal **kinases** for therapeutic, diagnostic and pharmacogenomic applications;  
vector-mediated recombinant protein gene transfer and



expression in host cell for use in diagnosis, therapy,  
pharmacogenetics, mapping, forensics, DNA probe and DNA  
microarray

AUTHOR: HU Y; KIEKE J A; DONOHO G  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002055685 18 Jul 2002  
APPLICATION INFO: WO 2000-US47606 11 Dec 2000  
PRIORITY INFO: US 2000-254744 11 Dec 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-566739 [60]

L28 ANSWER 315 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2002-12398 BIOTECHDS  
TITLE:

Novel polynucleotide encoding novel **human** protein  
sharing structural similarity with animal **kinases**  
e.g. serine-threonine, calcium/calmodulin-dependent, and  
myosin light chain **kinases**, useful as probes and  
primers;  
vector-mediated gene transfer, expression in host cell,  
antibody, antisense oligonucleotide and ribozyme for  
recombinant protein production, drug screening and gene  
therapy

AUTHOR: FRIDDLE C J; HILBUN E; NEPOMNICHY B; HU Y  
PATENT ASSIGNEE: LEXICON GENETICS INC  
PATENT INFO: WO 2002018555 7 Mar 2002  
APPLICATION INFO: WO 2000-US26776 31 Aug 2000  
PRIORITY INFO: US 2000-229280 31 Aug 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-292200 [33]

L28 ANSWER 316 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2002-04068 BIOTECHDS  
TITLE:

New nucleic acid molecules encoding new **human**  
proteins, useful in diagnosis, drug screening, clinical  
trials monitoring, treatment of physiological disorders and  
cosmetic or nutraceutical applications;  
vector-mediated **kinase** gene transfer and  
expression in host cell, antibody, DNA probe, DNA primer  
and transgenic animal for disease diagnosis and gene  
therapy

AUTHOR: Hu Y; Nepomnichy B; Wang X;  
Donoho G; Scoville J; Walke D W  
PATENT ASSIGNEE: Lexicon-Genetics  
LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001081557 1 Nov 2001  
APPLICATION INFO: WO 2001-US13149 24 Apr 2001  
PRIORITY INFO: US 2000-201227 1 May 2000; US 2000-199499 25 Apr 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2002-034442 [04]

L28 ANSWER 317 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2002-02295 BIOTECHDS  
TITLE:

Engineering and use of 32P-labelled **human**  
recombinant interleukin-11 for receptor binding studies;  
involving vector plasmid pET-22b-mediated gene transfer  
for expression in Escherichia coli, hybridoma and HeLa  
cell culture

AUTHOR: Wang X; Wilkin J; Boisteau O; Harmegnies D; Blanc  
C; Vandenbussche P; Montero-Julian F A; Jacques Y; \*Content J  
CORPORATE SOURCE: Inst.Pasteur-Brussels; Inst.Biol.Nantes; Beckman-Coulter  
LOCATION: Institut Pasteur de Bruxelles, rue Engeland 642, B-1180,

Brussels, Belgium.  
Email: jcontent@pasteur.be  
SOURCE: Eur.J.Biochem.; (2002) 269, 1, 61-68  
CODEN: EJBCAI  
ISSN: 0014-2956  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L28 ANSWER 318 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2001-15821 BIOTECHDS  
TITLE: Isolated nucleic acids encoding novel **human**  
proteins useful for the treatment of disease and as probes  
for testing and detection;  
recombinant **kinase** and encoding sense and  
antisense DNA for use in therapy and gene therapy and drug  
screening  
AUTHOR: Walke D W; **Hu Y**; **Nepomnichy B**; Turner Jr  
C A; Zambrowicz B  
PATENT ASSIGNEE: Lexicon-Genetics  
LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001061016 23 Aug 2001  
APPLICATION INFO: WO 2001-US5356 15 Feb 2001  
PRIORITY INFO: US 2000-184014 22 Feb 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2001-502793 [55]

L28 ANSWER 319 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2001-14671 BIOTECHDS  
TITLE: **Human kinase** protein and polynucleotides  
encoding the same;  
involving vector-mediated gene transfer for expression in  
host cell, antibody, agonist and antagonist  
AUTHOR: **Donoho G**; Hilbun E; Turner Jr C A; Friedrich G;  
Zambrowicz B; Sands A T  
PATENT ASSIGNEE: Lexicon-Genetics  
LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001053493 26 Jul 2001  
APPLICATION INFO: WO 2001-US2120 18 Jan 2001  
PRIORITY INFO: US 2000-176690 18 Jan 2000  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2001-442260 [47]

L28 ANSWER 320 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2001-13012 BIOTECHDS  
TITLE: Novel isolated **human** protease polynucleotide that  
shares structural similarity with animal **kinases**  
including calcium/calmodulin-dependent protein  
**kinases** and serine/threonine protein **kinases**  
, useful in therapeutics;  
for use in gene therapy  
AUTHOR: **Donoho G**; **Scoville J**; Turner Jr C A;  
Friedrich G; Zambrowicz B; Abuin A; Sands A T  
PATENT ASSIGNEE: Lexicon-Genetics  
LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001042435 14 Jun 2001  
APPLICATION INFO: WO 2000-US33362 8 Dec 2000  
PRIORITY INFO: US 1999-169769 9 Dec 1999  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2001-381688 [40]

L28 ANSWER 321 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN

ACCESSION NUMBER: 2001-12571 BIOTECHDS  
TITLE: Yaba-like disease virus: an alternative replicating pox virus  
vector for cancer gene therapy;  
involving recombinant Yaba-like disease virus  
vector-mediated green fluorescent protein, thymidine-  
kinase gene transfer for expression in e.g. CHO,  
HeLa or CV-1 cell  
AUTHOR: Hu Y; Lee J; McCart A; Xu H; Moss B; Alexander H R;  
Bartlett D L  
CORPORATE SOURCE: Nat.Cancer-Inst.Bethesda; Nat.Inst.Allergy+Infec.Dis.Bethesda;  
Nat.Inst.Health-Bethesda  
LOCATION: Surgery Branch, NCI, NIH, Building 10, Rm. 2B16, 9000  
Rockville Pike, Bethesda, MD 20892, USA.  
Email: dbart@nih.gov  
SOURCE: J.Virol.; (2001) 75, 21, 10300-08  
CODEN: JOVIAM  
ISSN: 0022-538X  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L28 ANSWER 322 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 2001-08848 BIOTECHDS  
TITLE: New isolated **human kinase** polynucleotide  
useful for generating antibodies, as reagents in diagnostic  
assays and for screening for compounds useful for treating  
mental, biological or medical diseases;  
vector-mediated expression in host cell for enzyme  
production and gene therapy  
AUTHOR: Donoho G; Turner C A; Nehls M; Friedrich G;  
Zambrowicz B; Sands A T  
PATENT ASSIGNEE: Lexicon-Genetics  
LOCATION: The Woodlands, TX, USA.  
PATENT INFO: WO 2001023579 5 Apr 2001  
APPLICATION INFO: WO 2000-US26621 27 Sep 2000  
PRIORITY INFO: US 1999-156511 28 Sep 1999  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 2001-266166 [27]

L28 ANSWER 323 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 1999-00522 BIOTECHDS  
TITLE: DNA fragmentation factor polypeptide;  
**human** recombinant protein preparation by  
vector-mediated gene transfer and expression in host cell,  
DNA probe and DNA primer, used for apoptosis-associated  
disorder therapy or gene therapy  
AUTHOR: Wang X; Liu X  
PATENT ASSIGNEE: Univ.Texas-Syst.  
LOCATION: Austin, TX, USA.  
PATENT INFO: WO 9846741 22 Oct 1998  
APPLICATION INFO: WO 1998-US7915 17 Apr 1998  
PRIORITY INFO: US 1997-842760 17 Apr 1997  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
OTHER SOURCE: WPI: 1998-568729 [48]

L28 ANSWER 324 OF 403 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN  
ACCESSION NUMBER: 1990-06714 BIOTECHDS  
TITLE: A simple method for direct cloning cDNA sequence that flanks  
a region of known sequence from total RNA by applying the  
inverse polymerase chain reaction;  
flanking sequence gene cloning method  
AUTHOR: Huang S H; Hu Y; Wu C; Holcenberg J  
LOCATION: Division of Hematology/Oncology, Children's Hospital of Los

Angeles, Los Angeles, CA 90054, USA.  
SOURCE: Nucleic Acids Res.; (1990) 18, 7, 1922  
CODEN: NARHAD  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L28 ANSWER 325 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2004:27607 SCISEARCH  
THE GENUINE ARTICLE: 757DV  
TITLE: Analysis of gene expression in hepatitis B virus  
transfected cell line induced by interferon  
AUTHOR: Xiong W; Wang X; Liu X Y; Xiang L; Zheng L J;  
Liu J X; Yuan Z H (Reprint)  
CORPORATE SOURCE: Fudan Univ, Shanghai Med Coll, Minist Educ & Hlth, Key Lab  
Med Mol Virol, Shanghai 200032, Peoples R China (Reprint)  
COUNTRY OF AUTHOR: Peoples R China  
SOURCE: ACTA BIOCHIMICA ET BIOPHYSICA SINICA, (DEC 2003) Vol. 35,  
No. 12, pp. 1053-1060.  
Publisher: SHANGHAI INST BIOCHEMISTRY, ACADEMIA SINICA,  
320 YUE-YANG ROAD, SHANGHAI 20031, PEOPLES R CHINA.  
ISSN: 0582-9879.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 23  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 326 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2004:14994 SCISEARCH  
THE GENUINE ARTICLE: 754ZH  
TITLE: Novel pharmacological preconditioning with diazoxide  
attenuates myocardial stunning in coronary artery bypass  
grafting  
AUTHOR: Wang X; Wei M X; Kuukasjarvi P; Laurikka J;  
Jarvinen O; Rinne T; Honkonen E L; Tarkka M (Reprint)  
CORPORATE SOURCE: Tampere Univ Hosp, Div Cardiothorac Surg, POB 2000,  
FIN-33521 Tampere, Finland (Reprint); Tampere Univ Hosp,  
Div Cardiothorac Surg, FIN-33521 Tampere, Finland; Tampere  
Univ Hosp, Dept Anesthesia & Intens Care, FIN-33521  
Tampere, Finland  
COUNTRY OF AUTHOR: Finland  
SOURCE: EUROPEAN JOURNAL OF CARDIO-THORACIC SURGERY, (DEC 2003)  
Vol. 24, No. 6, pp. 967-973.  
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE  
AMSTERDAM, NETHERLANDS.  
ISSN: 1010-7940.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 23  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 327 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2004:1285 SCISEARCH  
THE GENUINE ARTICLE: 753PU  
TITLE: Phosphorylation and mutation of human cardiac  
troponin I differentially destabilize the interaction of  
the functional regions of troponin I with troponin C  
AUTHOR: Li M X; Wang X; Lindhout D A; Buscemi N; Van Eyk  
J E; Sykes B D (Reprint)  
CORPORATE SOURCE: Univ Alberta, Dept Biochem, CIHR Grp Prot Struct & Funct,  
Edmonton, AB T6G 2H7, Canada (Reprint); Queens Univ, Dept  
Physiol, Kingston, ON K7L 3N6, Canada  
COUNTRY OF AUTHOR: Canada  
SOURCE: BIOCHEMISTRY, (16 DEC 2003) Vol. 42, No. 49, pp.  
14460-14468.

Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW,  
WASHINGTON, DC 20036 USA.  
ISSN: 0006-2960.

DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 40

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 328 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:1061760 SCISEARCH

THE GENUINE ARTICLE: 747KN

TITLE: Wnk1 **kinase** deficiency lowers blood pressure in mice: A gene-trap screen to identify potential targets for therapeutic intervention

AUTHOR: Zambrowicz B P (Reprint); Abuin A; Ramirez-Solis R; Richter L J; Piggott J; BeltrandelRio H; Buxton E C; Edwards J; Finch R A; Friddle C J; Gupta A; Hansen G; **Hu Y**; Huang W H; Jaing C; Key B W; Kipp P; Kohlhauff B; Ma Z Q; Markesich D; Payne R; Potter D G; Qian N; Shaw J; Schrick J; Shi Z Z; Sparks M J; Van Slightenhorst I; Vogel P; Walke W; Xu N H; Zhu Q C; Person C; Sands A T

CORPORATE SOURCE: Lexicon Genet, 8800 Technol Forest Pl, The Woodlands, TX 77381 USA (Reprint); Lexicon Genet, The Woodlands, TX 77381 USA

COUNTRY OF AUTHOR: USA

SOURCE: PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (25 NOV 2003) Vol. 100, No. 24, pp. 14109-14114.

Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC 20418 USA.

ISSN: 0027-8424.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 28

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 329 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:1036401 SCISEARCH

THE GENUINE ARTICLE: 744DM

TITLE: Interactions between **human** cytomegalovirus IE1-72 and cellular p107: Functional domains and mechanisms of up-regulation of cyclin E/cdk2 **kinase** activity

AUTHOR: Zhang Z G; Huang S M; **Wang X**; Huang D Y; Huang E S (Reprint)

CORPORATE SOURCE: Univ N Carolina, Sch Med, Lineberger Comprehens Canc Ctr, CB 7295, Rm 32006, Chapel Hill, NC 27599 USA (Reprint); Univ N Carolina, Sch Med, Lineberger Comprehens Canc Ctr, Chapel Hill, NC 27599 USA; Univ N Carolina, Dept Neurol, Chapel Hill, NC 27599 USA; Univ N Carolina, Dept Med, Chapel Hill, NC 27599 USA; Univ N Carolina, Dept Microbiol & Immunol, Chapel Hill, NC 27599 USA

COUNTRY OF AUTHOR: USA

SOURCE: JOURNAL OF VIROLOGY, (DEC 2003) Vol. 77, No. 23, pp. 12660-12670.

Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904 USA.

ISSN: 0022-538X.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 49

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 330 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:735673 SCISEARCH

THE GENUINE ARTICLE: 713XA

TITLE: Homocysteine mediated expression and secretion of monocyte chemoattractant protein-1 and interleukin-8 in human monocytes

AUTHOR: Zeng X K; Dai J; Remick D G; Wang X (Reprint)

CORPORATE SOURCE: Peking Univ, Basic Med Coll, Dept Physiol, Beijing 100083, Peoples R China (Reprint); Peking Univ, Basic Med Coll, Educ Minist Mol Cardiol, Reference Lab, Beijing 100871, Peoples R China; Peking Univ, Hosp 3, Inst Vasc Med, Beijing 100871, Peoples R China; Univ Michigan, Sch Med, Dept Pathol, Ann Arbor, MI USA

COUNTRY OF AUTHOR: Peoples R China; USA

SOURCE: CIRCULATION RESEARCH, (22 AUG 2003) Vol. 93, No. 4, pp. 311-320.

Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA.

ISSN: 0009-7330.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 40

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 331 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:692732 SCISEARCH

THE GENUINE ARTICLE: 710AN

TITLE: An overactivated ATR/CHK1 pathway is responsible for the prolonged G(2) accumulation in irradiated AT cells

AUTHOR: Wang X; Khadpe J; Hu B C; Iliakis G; Wang Y (Reprint)

CORPORATE SOURCE: Thomas Jefferson Univ, Jefferson Med Coll, Kimmel Canc Ctr, Dept Radiat Oncol, Thompson Bldg, B1, 1020 Sansom St, Philadelphia, PA 19107 USA (Reprint); Thomas Jefferson Univ, Jefferson Med Coll, Kimmel Canc Ctr, Dept Radiat Oncol, Philadelphia, PA 19107 USA; Univ Essen Med Sch, Inst Med Radiat Biol, D-45122 Essen, Germany

COUNTRY OF AUTHOR: USA; Germany

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (15 AUG 2003) Vol. 278, No. 33, pp. 30869-30874.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.

ISSN: 0021-9258.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 59

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 332 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:632227 SCISEARCH

THE GENUINE ARTICLE: 701ER

TITLE: Impaired modulation of GABAergic transmission by muscarinic receptors in a mouse transgenic model of Alzheimer's disease

AUTHOR: Zhong P; Gu Z L; Wang X; Jiang H B; Feng J; Yan Z (Reprint)

CORPORATE SOURCE: SUNY Buffalo, Sch Med & Biomed Sci, Dept Physiol & Biophys, 124 Sherman Hall, Buffalo, NY 14214 USA (Reprint); SUNY Buffalo, Sch Med & Biomed Sci, Dept Physiol & Biophys, Buffalo, NY 14214 USA

COUNTRY OF AUTHOR: USA

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (18 JUL 2003) Vol. 278, No. 29, pp. 26888-26896.

Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,

9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.  
ISSN: 0021-9258.

DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 68

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 333 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:612438 SCISEARCH

THE GENUINE ARTICLE: 704BT

TITLE: Epidermal growth factor receptor is a cellular receptor  
for human cytomegalovirus

AUTHOR: Wang X; Huang S M; Chiu M L; Raab-Traub N; Huang  
E S (Reprint)

CORPORATE SOURCE: Univ N Carolina, Lineberger Comprehensive Canc Ctr, Chapel  
Hill, NC 27599 USA (Reprint); Univ N Carolina, Dept Med,  
Chapel Hill, NC 27599 USA; Univ N Carolina, Dept Microbiol  
& Immunol, Chapel Hill, NC 27599 USA

COUNTRY OF AUTHOR: USA

SOURCE: NATURE, (24 JUL 2003) Vol. 424, No. 6947, pp. 456-461.  
Publisher: NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4  
CRINAN ST, LONDON N1 9XW, ENGLAND.  
ISSN: 0028-0836.

DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 30

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 334 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:485561 SCISEARCH

THE GENUINE ARTICLE: 686AT

TITLE: A novel IL-10 signalling mechanism regulates TIMP-1  
expression in human prostate tumour cells

AUTHOR: Wang M; Hu Y; Stearns M E (Reprint)

CORPORATE SOURCE: MCPHU, Dept Pathol & Lab Med, MS 435, 15th & Vine Sts,  
Philadelphia, PA 19102 USA (Reprint); MCPHU, Dept Pathol &  
Lab Med, Philadelphia, PA 19102 USA

COUNTRY OF AUTHOR: USA

SOURCE: BRITISH JOURNAL OF CANCER, (19 MAY 2003) Vol. 88, No. 10,  
pp. 1605-1614.  
Publisher: NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4  
CRINAN ST, LONDON N1 9XW, ENGLAND.  
ISSN: 0007-0920.

DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 41

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 335 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:476224 SCISEARCH

THE GENUINE ARTICLE: 682EH

TITLE: The C-terminal kinase domain of the  
p34cdc2-related PITSLRE protein kinase (p110C)  
associates with p21-activated kinase 1 and  
inhibits its activity during anoikis

AUTHOR: Chen S; Yin X L; Zhu X Y; Ji S Y; Chen C; Cai M M; Zhang S  
W; Zong H L; Hu Y; Yuan Z H; Shen Z H; Gu J X  
(Reprint)

CORPORATE SOURCE: Fudan Univ, Shanghai Med Ctr, Ctr Gene Res, Shanghai  
200032, Peoples R China (Reprint); Fudan Univ, Shanghai  
Med Ctr, Dept Biochem, Shanghai 200032, Peoples R China;  
Fudan Univ, Shanghai Med Ctr, Dept Mol Virus, Shanghai  
200032, Peoples R China

COUNTRY OF AUTHOR: Peoples R China

SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (30 MAY 2003) Vol. 278,  
No. 22, pp. 20029-20036.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,  
9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.  
ISSN: 0021-9258.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 53

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 336 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:467540 SCISEARCH

THE GENUINE ARTICLE: 681LV

TITLE: Combination therapy of malononitrilamide FK778 with  
tacrolimus on cell proliferation assays and in rats  
receiving renal allografts

AUTHOR: Vu M D; Qi S J; Wang X; Jiang W L; Ma A L; Xu D  
S; Bekersky I; Fitzsimmons W E; Wu J P; Chen H F (Reprint)

CORPORATE SOURCE: Ctr Hosp Univ Montreal, Notre Dame Hosp, Expt Surg Lab,  
Res Ctr, 2099 Alexandre de Seve, Room Y1611, Montreal, PQ  
H2L 2W5, Canada (Reprint); Ctr Hosp Univ Montreal, Notre  
Dame Hosp, Expt Surg Lab, Res Ctr, Montreal, PQ H2L 2W5,  
Canada; Fujisawa Healthcare Inc, Deerfield, IL USA; Ctr  
Hosp Univ Montreal, Res Ctr, Lab Transplantat Immunol,  
Notre Dame Hosp, Montreal, PQ, Canada

COUNTRY OF AUTHOR: Canada; USA

SOURCE: TRANSPLANTATION, (15 MAY 2003) Vol. 75, No. 9, pp.  
1455-1459.

Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST,  
PHILADELPHIA, PA 19106-3621 USA.

ISSN: 0041-1337.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 29

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 337 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:354630 SCISEARCH

THE GENUINE ARTICLE: 669QH

TITLE: Genomic instability and endoreduplication triggered by  
RAD17 deletion

AUTHOR: Wang X; Zou L; Zheng H Y; Wei Q Y; Elledge S J;  
Li L (Reprint)

CORPORATE SOURCE: Univ Texas, MD Anderson Canc Ctr, Dept Expt Radiat Oncol,  
1515 Holcombe Blvd, Houston, TX 77030 USA (Reprint); Univ  
Texas, MD Anderson Canc Ctr, Dept Expt Radiat Oncol,  
Houston, TX 77030 USA; Univ Texas, MD Anderson Canc Ctr,  
Dept Epidemiol, Houston, TX 77030 USA; Univ Texas, MD  
Anderson Canc Ctr, Dept Mol Genet, Houston, TX 77030 USA;  
Baylor Coll Med, Verna & Marrs Mclean Dept Biochem & Mol  
Biol, Houston, TX 77030 USA; Baylor Coll Med, Howard  
Hughes Med Inst, Houston, TX 77030 USA; Baylor Coll Med,  
Dept Mol & Human Genet, Houston, TX 77030 USA

COUNTRY OF AUTHOR: USA

SOURCE: GENES & DEVELOPMENT, (15 APR 2003) Vol. 17, No. 8, pp.  
965-970.

Publisher: COLD SPRING HARBOR LAB PRESS, PUBLICATIONS DEPT  
500 SUNNYSIDE BLVD, WOODBURY, NY 11797-2924 USA.

ISSN: 0890-9369.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 29

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*



L28 ANSWER 338 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2003:252506 SCISEARCH

THE GENUINE ARTICLE: 657GV

TITLE: Changes of vasodilator-stimulated phosphoprotein (VASP) and its phosphorylation in endothelial cells exposed to laminar flow

AUTHOR: Wei L; Muller S; Ouyang J; Stoltz J F; Wang X (Reprint)

CORPORATE SOURCE: CNRS INPL UHP, LEMTA UMR 7563, Grp Mech & Cell & Tissue Engn, 2 Ave Foret Haye, F-54500 Vandoeuvre Les Nancy, France (Reprint); CNRS INPL UHP, LEMTA UMR 7563, Grp Mech & Cell & Tissue Engn, F-54500 Vandoeuvre Les Nancy, France; IFR Bioengn 111, F-54500 Vandoeuvre Les Nancy, France; Wuhan Univ, Dept Pathophysiol, Coll Med, Wuhan 430071, Peoples R China

COUNTRY OF AUTHOR: France; Peoples R China

SOURCE: CLINICAL HEMORHEOLOGY AND MICROCIRCULATION, (APR 2003) Vol. 28, No. 2, pp. 113-120.  
Publisher: IOS PRESS, NIEUWE HEMWEG 6B, 1013 BG AMSTERDAM, NETHERLANDS.  
ISSN: 1386-0291.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 28

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 339 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2002:732012 SCISEARCH

THE GENUINE ARTICLE: 588JE

TITLE: Different effects of p58(PITSLRE) on the apoptosis induced by etoposide, cycloheximide and serum-withdrawal in human hepatocarcinoma cells

AUTHOR: Cai M M; Zhang S W; Zhang S; Chen S; Yan J; Zhu X Y; Hu Y; Chen C; Gu J X (Reprint)

CORPORATE SOURCE: Fudan Univ, Med Ctr, Ctr Gene Res, Shanghai 20032, Peoples R China (Reprint)

COUNTRY OF AUTHOR: Peoples R China

SOURCE: MOLECULAR AND CELLULAR BIOCHEMISTRY, (SEP 2002) Vol. 238, No. 1-2, pp. 49-55.  
Publisher: KLUWER ACADEMIC PUBL, VAN GODEWIJCKSTRAAT 30, 3311 GZ DORDRECHT, NETHERLANDS.  
ISSN: 0300-8177.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 20

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 340 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2002:487784 SCISEARCH

THE GENUINE ARTICLE: 559GM

TITLE: Down-regulation of Id-1 expression is associated with TGF beta 1-induced growth arrest in prostate epithelial cells

AUTHOR: Ling M T; Wang X; Tsao S W; Wong Y C (Reprint)

CORPORATE SOURCE: Univ Hong Kong, Fac Med, Dept Anat, 5-F, Li Shu Fan Bldg, 5 Sassoon Rd, Hong Kong, Hong Kong, Peoples R China (Reprint); Univ Hong Kong, Fac Med, Dept Anat, Hong Kong, Hong Kong, Peoples R China

COUNTRY OF AUTHOR: Peoples R China

SOURCE: BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS, (15 APR 2002) Vol. 1570, No. 3, pp. 145-152.  
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS.  
ISSN: 0304-4165.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English  
REFERENCE COUNT: 30  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 341 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2002:441428 SCISEARCH  
THE GENUINE ARTICLE: 552EV  
TITLE: Antiviral activity of artesunate towards wild-type,  
recombinant, and ganciclovir-resistant human  
cytomegaloviruses  
AUTHOR: Efferth T (Reprint); Marschall M; Wang X; Huong  
S M; Hauber I; Olbrich A; Kronschnabl M; Stamminger T;  
Huang E S  
CORPORATE SOURCE: Virtual Campus Rhineland Palatinate, POB 4380, D-55033  
Mainz, Germany (Reprint); Univ Erlangen Nurnberg, Inst  
Clin & Mol Virol, Erlangen, Germany; Univ N Carolina,  
Lineberger Comprehensive Canc Ctr, Chapel Hill, NC 27599 USA;  
Univ Hosp, Rhein Westfal TH Aachen, Aachen, Germany  
COUNTRY OF AUTHOR: Germany; USA  
SOURCE: JOURNAL OF MOLECULAR MEDICINE-JMM, (APR 2002) Vol. 80, No.  
4, pp. 233-242.  
Publisher: SPRINGER-VERLAG, 175 FIFTH AVE, NEW YORK, NY  
10010 USA.  
ISSN: 0946-2716.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 42  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 342 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2002:373572 SCISEARCH  
THE GENUINE ARTICLE: 546GG  
TITLE: Ku affects the ataxia and rad 3-related/CHK1-dependent S  
phase checkpoint response after camptothecin treatment  
AUTHOR: Wang H Y; Wang X; Zhou X Y; Chen D J; Li G C;  
Iliakis G; Wang Y (Reprint)  
CORPORATE SOURCE: Thomas Jefferson Univ, Jefferson Med Coll, Kimmel Canc  
Ctr, Dept Radiat Oncol, Thompson Bldg, B13, 1020 Sansom  
St, Philadelphia, PA 19107 USA (Reprint); Thomas Jefferson  
Univ, Jefferson Med Coll, Kimmel Canc Ctr, Dept Radiat  
Oncol, Philadelphia, PA 19107 USA; Univ Calif Berkeley,  
Lawrence Berkeley Lab, Div Life Sci, Berkeley, CA 94720  
USA; Mem Sloan Kettering Canc Ctr, Dept Radiat Oncol, New  
York, NY 10021 USA; Mem Sloan Kettering Canc Ctr, Dept Med  
Phys, New York, NY 10021 USA; Univ Essen Gesamthsch, Sch  
Med, Inst Med Radiat Biol, D-45122 Essen, Germany  
COUNTRY OF AUTHOR: USA; Germany  
SOURCE: CANCER RESEARCH, (1 MAY 2002) Vol. 62, No. 9, pp.  
2483-2487.  
Publisher: AMER ASSOC CANCER RESEARCH, PO BOX 11806,  
BIRMINGHAM, AL 35202 USA.  
ISSN: 0008-5472.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 36  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 343 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2002:299863 SCISEARCH  
THE GENUINE ARTICLE: 535GD  
TITLE: Alterations of cardiac beta-adrenoceptor mechanisms due to  
calcium depletion and repletion  
AUTHOR: Wang X; Wang J W; Takeda S; Elimban V; Dhalla N  
S (Reprint)

CORPORATE SOURCE: St Boniface Gen Hosp, Res Ctr, Inst Cardiovasc Sci, 351 Tache Ave, Winnipeg, MB R2H 2A6, Canada (Reprint); St Boniface Gen Hosp, Res Ctr, Inst Cardiovasc Sci, Winnipeg, MB R2H 2A6, Canada; Univ Manitoba, Fac Med, Dept Physiol, Winnipeg, MB, Canada

COUNTRY OF AUTHOR: Canada

SOURCE: MOLECULAR AND CELLULAR BIOCHEMISTRY, (MAR 2002) Vol. 232, No. 1-2, pp. 63-73.  
Publisher: KLUWER ACADEMIC PUBL, VAN GODEWIJCKSTRAAT 30, 3311 GZ DORDRECHT, NETHERLANDS.  
ISSN: 0300-8177.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 37

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 344 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2002:296913 SCISEARCH

THE GENUINE ARTICLE: 535VJ

TITLE: Human cytomegalovirus hyperimmune globulin not only neutralizes HCMV infectivity, but also inhibits HCMV-induced intracellular NF-kappa B, Sp1, and PI3-K signaling pathways

AUTHOR: Andreoni K A (Reprint); Wang X; Huang S M; Huang E S

CORPORATE SOURCE: Univ N Carolina, Dept Surg, CB 7210, 3010 Old Clin Bldg, Chapel Hill, NC 27599 USA (Reprint); Univ N Carolina, Dept Surg, Chapel Hill, NC 27599 USA; Univ N Carolina, Lineberger Comprehensive Canc Ctr, Chapel Hill, NC 27599 USA; Univ N Carolina, Dept Med, Chapel Hill, NC 27599 USA; Univ N Carolina, Dept Microbiol & Immunol, Chapel Hill, NC 27599 USA

COUNTRY OF AUTHOR: USA

SOURCE: JOURNAL OF MEDICAL VIROLOGY, (MAY 2002) Vol. 67, No. 1, pp. 33-40.  
Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK, NY 10158-0012 USA.  
ISSN: 0146-6615.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 38

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 345 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2001:811633 SCISEARCH

THE GENUINE ARTICLE: 480DZ

TITLE: Yaba-like disease virus: An alternative replicating poxvirus vector for cancer gene therapy

AUTHOR: Hu Y; Lee J; McCart J A; Xu H; Moss B; Alexander H R; Bartlett D L (Reprint)

CORPORATE SOURCE: NCI, Surg Branch, NIH, Bldg 10, Rm 2B16, 9000 Rockville Pike, Bethesda, MD 20892 USA (Reprint); NCI, Surg Branch, NIH, Bethesda, MD 20892 USA; NIAID, Viral Dis Lab, NIH, Bethesda, MD 20892 USA

COUNTRY OF AUTHOR: USA

SOURCE: JOURNAL OF VIROLOGY, (NOV 2001) Vol. 75, No. 21, pp. 10300-10308.  
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904 USA.  
ISSN: 0022-538X.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 36

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 346 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2001:765557 SCISEARCH  
THE GENUINE ARTICLE: 473DK  
TITLE: Hepatitis B virus X protein differentially activates  
RAS-RAF-MAPK and JNK pathways in X-transforming versus  
non-transforming AML12 hepatocytes  
AUTHOR: Tarn C; Lee S; Hu Y; Ashendel C; Andrisani O M  
(Reprint)  
CORPORATE SOURCE: Purdue Univ, Dept Basic Med Sci, W Lafayette, IN 47907 USA  
(Reprint); Purdue Univ, Dept Med Chem & Mol Pharmacol, W  
Lafayette, IN 47907 USA  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (14 SEP 2001) Vol. 276,  
No. 37, pp. 34671-34680.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,  
9650 ROCKVILLE PIKE, BETHESDA, MD 20814 USA.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 76  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 347 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2001:549979 SCISEARCH  
THE GENUINE ARTICLE: 448JP  
TITLE: Effect of p58(GTA) on beta-1,4-galactosyltransferase 1  
activity and cell-cycle in human hepatocarcinoma  
cells  
AUTHOR: Zhang S W; Xu S L; Cai M M; Yan J; Zhu X Y; Hu Y  
; Gu J X (Reprint)  
CORPORATE SOURCE: Fudan Univ, Med Ctr, Ctr Gene Res, Shanghai 200032,  
Peoples R China (Reprint)  
COUNTRY OF AUTHOR: Peoples R China  
SOURCE: MOLECULAR AND CELLULAR BIOCHEMISTRY, (MAY 2001) Vol. 221,  
No. 1-2, pp. 161-168.  
Publisher: KLUWER ACADEMIC PUBL, SPUIBOULEVARD 50, PO BOX  
17, 3300 AA DORDRECHT, NETHERLANDS.  
ISSN: 0300-8177.  
DOCUMENT TYPE: Article; Journal  
LANGUAGE: English  
REFERENCE COUNT: 34  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 348 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 2001:487038 SCISEARCH  
THE GENUINE ARTICLE: 440KX  
TITLE: Human cytomegalovirus up-regulates the  
phosphatidylinositol 3-kinase (PI3-K) pathway:  
Inhibition of PI3-K activity inhibits viral replication  
and virus-induced signaling  
AUTHOR: Johnson R A; Wang X; Ma X L; Huong S M; Huang E  
S (Reprint)  
CORPORATE SOURCE: Univ N Carolina, Lineberger Comprehens Canc Ctr, CB 7295,  
Rm 32-026, Chapel Hill, NC 27599 USA (Reprint); Univ N  
Carolina, Lineberger Comprehens Canc Ctr, Chapel Hill, NC  
27599 USA; Univ N Carolina, Dept Microbiol & Immunol,  
Chapel Hill, NC 27599 USA; Univ N Carolina, Dept Med,  
Chapel Hill, NC 27599 USA; Univ N Carolina, Curriculum  
Genet & Mol Biol, Chapel Hill, NC 27599 USA  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF VIROLOGY, (JUL 2001) Vol. 75, No. 13, pp.  
6022-6032.  
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW,

WASHINGTON, DC 20036-2904 USA.

ISSN: 0022-538X.

DOCUMENT TYPE: Article; Journal

LANGUAGE: English

REFERENCE COUNT: 88

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 349 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2001:124935 SCISEARCH

THE GENUINE ARTICLE: 377QY

TITLE: Protein kinase C may regulate desmosome adhesion  
in human keratinocytes

AUTHOR: Wang X (Reprint); Garrod D R; Bhalla I

CORPORATE SOURCE: Univ Manchester, Manchester M13 9PT, Lancs, England

COUNTRY OF AUTHOR: England

SOURCE: MOLECULAR BIOLOGY OF THE CELL, (DEC 2000) Vol. 11, Supp.  
[S], pp. 228A-228A. MA 1190.

Publisher: AMER SOC CELL BIOLOGY, 8120 WOODMONT AVE, STE  
750, BETHESDA, MD 20814-2755 USA.

ISSN: 1059-1524.

DOCUMENT TYPE: Conference; Journal

LANGUAGE: English

REFERENCE COUNT: 0

L28 ANSWER 350 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2000:906512 SCISEARCH

THE GENUINE ARTICLE: 377BG

TITLE: Trans-complementation of vector replication versus  
Coxsackie-adenovirus-receptor overexpression to improve  
transgene expression in poorly permissive cancer cells

AUTHOR: Fechner H (Reprint); Wang X; Wang H; Jansen A;  
Pauschinger M; Scherubl H; Bergelson J M; Schultheiss H P;  
Poller W

CORPORATE SOURCE: FREE UNIV BERLIN, HOSP BENJAMIN FRANKLIN, DEPT CARDIOL &  
PNEUMOL, HINDENBURGDAMM 30, D-12200 BERLIN, GERMANY  
(Reprint); FREE UNIV BERLIN, HOSP BENJAMIN FRANKLIN, DEPT  
GASTROENTEROL, D-12200 BERLIN, GERMANY; CHILDRENS HOSP  
PHILADELPHIA, PHILADELPHIA, PA 19104

COUNTRY OF AUTHOR: GERMANY; USA

SOURCE: GENE THERAPY, (NOV 2000) Vol. 7, No. 22, pp. 1954-1968.

Publisher: NATURE PUBLISHING GROUP, HOUNDMILLS,

BASINGSTOKE RG21 6XS, HAMPSHIRE, ENGLAND.

ISSN: 0969-7128.

DOCUMENT TYPE: Article; Journal

FILE SEGMENT: LIFE

LANGUAGE: English

REFERENCE COUNT: 52

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 351 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2000:902299 SCISEARCH

THE GENUINE ARTICLE: 375BY

TITLE: Modification of beta-adrenoceptor signal transduction  
pathway by genetic manipulation and heart failure

AUTHOR: Wang X; Dhalla N S (Reprint)

CORPORATE SOURCE: ST BONIFACE GEN HOSP, RES CTR, INST CARDIOVASC SCI, 351  
TACHE AVE, WINNIPEG, MB R2H 2A6, CANADA (Reprint); ST  
BONIFACE GEN HOSP, RES CTR, INST CARDIOVASC SCI, WINNIPEG,  
MB R2H 2A6, CANADA; UNIV MANITOBA, FAC MED, DEPT PHYSIOL,  
WINNIPEG, MB, CANADA

COUNTRY OF AUTHOR: CANADA

SOURCE: MOLECULAR AND CELLULAR BIOCHEMISTRY, (NOV 2000) Vol. 214,  
No. 1, pp. 131-155.

Publisher: KLUWER ACADEMIC PUBL, SPUIBOULEVARD 50, PO BOX

17, 3300 AA DORDRECHT, NETHERLANDS.  
ISSN: 0300-8177.

DOCUMENT TYPE: General Review; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 251

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 352 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2000:704289 SCISEARCH

THE GENUINE ARTICLE: 353AL

TITLE: Stanniocalcin 1 and 2 are secreted as phosphoproteins from  
human fibrosarcoma cells

AUTHOR: Jellinek D A; Chang A C; Larsen M R; Wang X;  
Robinson P J; Reddel R R (Reprint)

CORPORATE SOURCE: CHILDRENS MED RES INST, CANC RES UNIT, LOCKED BAG 23,  
WENTWORTHVILLE, NSW 2145, AUSTRALIA (Reprint); CHILDRENS  
MED RES INST, CANC RES UNIT, WENTWORTHVILLE, NSW 2145,  
AUSTRALIA; ODENSE UNIV, DEPT MOL BIOL, PROT RES GRP,  
DK-5230 ODENSE, DENMARK; CHILDRENS MED RES INST, CELL  
SIGNALLING UNIT, WENTWORTHVILLE, NSW 2145, AUSTRALIA

COUNTRY OF AUTHOR: AUSTRALIA; DENMARK

SOURCE: BIOCHEMICAL JOURNAL, (1 SEP 2000) Vol. 350, Part 2, pp.  
453-461.

Publisher: PORTLAND PRESS, 59 PORTLAND PLACE, LONDON W1N  
3AJ, ENGLAND.

ISSN: 0264-6021.

DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 49

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 353 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2000:432902 SCISEARCH

THE GENUINE ARTICLE: 320TU

TITLE: Brief Communication: Heat-induced accumulation of p53 and  
hsp72 is suppressed in lung fibroblasts from the SCID  
mouse

AUTHOR: Ohnishi T (Reprint); Komatsu K; Tauchi H; Wang X  
; Takahashi A; Ohnishi K; Shiba A; Matsumoto H

CORPORATE SOURCE: NARA MED UNIV, DEPT BIOL, KASHIHARA, NARA 6348521, JAPAN  
(Reprint); NARA MED UNIV, DEPT DERMATOL, KASHIHARA, NARA  
6348521, JAPAN; HIROSHIMA UNIV, RES INST NUCL MED & BIOL,  
DEPT RADIAT BIOL, HIROSHIMA 7348553, JAPAN

COUNTRY OF AUTHOR: JAPAN

SOURCE: INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, (MAY 2000)  
Vol. 76, No. 5, pp. 711-715.

Publisher: TAYLOR & FRANCIS LTD, 11 NEW FETTER LANE,  
LONDON EC4P 4EE, ENGLAND.

ISSN: 0955-3002.

DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 32

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 354 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 2000:369574 SCISEARCH

THE GENUINE ARTICLE: 312ZR

TITLE: Specific inhibition of FGF-induced MAPK activation by the  
receptor-like protein tyrosine phosphatase LAR

AUTHOR: Wang X; Weng L P; Yu Q (Reprint)

CORPORATE SOURCE: BOSTON UNIV, MED CTR, CTR PULM, DEPT MED, BOSTON, MA 02118

(Reprint); BOSTON UNIV, MED CTR, CTR PULM, DEPT MED,  
BOSTON, MA 02118; BOSTON UNIV, MED CTR, CTR PULM, DEPT  
BIOCHEM, BOSTON, MA 02118

COUNTRY OF AUTHOR: USA  
SOURCE: ONCOGENE, (4 MAY 2000) Vol. 19, No. 19, pp. 2346-2353.  
Publisher: STOCKTON PRESS, HOUNDMILLS, BASINGSTOKE RG21  
6XS, HAMPSHIRE, ENGLAND.  
ISSN: 0950-9232.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 38  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 355 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 1999:893536 SCISEARCH

THE GENUINE ARTICLE: 255ZD

TITLE: Activation of the PAK-related kinase by  
human immunodeficiency virus type 1 Nef in primary  
human peripheral blood lymphocytes and macrophages  
leads to phosphorylation of a PIX-p95 complex

AUTHOR: Brown A; Wang X; Sawai E; ChengMayer C (Reprint)  
CORPORATE SOURCE: ROCKEFELLER UNIV, AARON DIAMOND AIDS RES CTR, 455 1ST AVE,  
NEW YORK, NY 10016 (Reprint); ROCKEFELLER UNIV, AARON  
DIAMOND AIDS RES CTR, NEW YORK, NY 10016; UNIV CALIF  
DAVIS, DAVIS, CA 95616

COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF VIROLOGY, (DEC 1999) Vol. 73, No. 12, pp.  
9899-9907.  
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS  
AVENUE, NW, WASHINGTON, DC 20005-4171.  
ISSN: 0022-538X.

DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 66

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 356 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 1999:892252 SCISEARCH

THE GENUINE ARTICLE: 255TP

TITLE: Effects of protein kinase inhibitors on  
radiation-induced WAF1 accumulation in human  
cultured melanoma cells

AUTHOR: Fujino M; Ohnishi K; Asahi M; Wang X; Takahashi  
A; Ohnishi T (Reprint)  
CORPORATE SOURCE: UNIV OCCUPAT & ENVIRONM HLTH, DEPT DERMATOL, YAHATANISI  
KU, FUKUOKA 8078555, JAPAN (Reprint); UNIV OCCUPAT &  
ENVIRONM HLTH, DEPT DERMATOL, YAHATANISI KU, FUKUOKA  
8078555, JAPAN; NARA MED UNIV, DEPT BIOL, NARA 6348521,  
JAPAN

COUNTRY OF AUTHOR: JAPAN  
SOURCE: BRITISH JOURNAL OF DERMATOLOGY, (OCT 1999) Vol. 141, No.  
4, pp. 652-657.  
Publisher: BLACKWELL SCIENCE LTD, P O BOX 88, OSNEY MEAD,  
OXFORD OX2 0NE, OXON, ENGLAND.  
ISSN: 0007-0963.

DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE; CLIN  
LANGUAGE: English  
REFERENCE COUNT: 33

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 357 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 1999:730548 SCISEARCH  
THE GENUINE ARTICLE: 237JE  
TITLE: The protein kinase inhibitor, H-7, suppresses  
heat-induced activation of heat shock transcription factor  
1  
AUTHOR: Ohnishi K (Reprint); Wang X; Takahashi A;  
Matsumoto H; Ohnishi T  
CORPORATE SOURCE: NARA MED UNIV, DEPT BIOL, KASHIHARA, NARA 6348521, JAPAN  
(Reprint)  
COUNTRY OF AUTHOR: JAPAN  
SOURCE: MOLECULAR AND CELLULAR BIOCHEMISTRY, (JUL 1999) Vol. 197,  
No. 1-2, pp. 129-135.  
Publisher: KLUWER ACADEMIC PUBL, SPUIBOULEVARD 50, PO BOX  
17, 3300 AA DORDRECHT, NETHERLANDS.  
ISSN: 0300-8177.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 32  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 358 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 1999:648592 SCISEARCH  
THE GENUINE ARTICLE: 226TD  
TITLE: Role of the outward delayed rectifier K<sup>+</sup> current in  
ceramide-induced caspase activation and apoptosis in  
cultured cortical neurons  
AUTHOR: Yu S P (Reprint); Yeh C H; Gottron F; Wang X;  
Grabb M C; Choi D W  
CORPORATE SOURCE: WASHINGTON UNIV, SCH MED, DEPT NEUROL, BOX 8111, 660 S  
EUCLID AVE, ST LOUIS, MO 63110 (Reprint); WASHINGTON UNIV,  
SCH MED, CTR STUDY NERVOUS SYST INJURY, ST LOUIS, MO 63110  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF NEUROCHEMISTRY, (SEP 1999) Vol. 73, No. 3, pp.  
933-941.  
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 227 EAST  
WASHINGTON SQ, PHILADELPHIA, PA 19106.  
ISSN: 0022-3042.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 79  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 359 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 1999:396050 SCISEARCH  
THE GENUINE ARTICLE: 196RW  
TITLE: Tumor necrosis factor-alpha-induced proliferation of  
human Mo7e leukemic cells occurs via activation of  
nuclear factor kappa B transcription factor  
AUTHOR: Liu R Y (Reprint); Fan C; Olashaw N E; Wang X;  
Zuckerman K S  
CORPORATE SOURCE: UNIV S FLORIDA, COLL MED, H LEE MOFFITT CANC CTR & RES  
INST, DIV HEMATOL & MED ONCOL, TAMPA, FL 33612 (Reprint);  
UNIV S FLORIDA, DEPT BIOCHEM MOL BIOL, TAMPA, FL 33612;  
UNIV S FLORIDA, DEPT ANAT, TAMPA, FL 33612  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (14 MAY 1999) Vol. 274,  
No. 20, pp. 13877-13885.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC,  
9650 ROCKVILLE PIKE, BETHESDA, MD 20814.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE



LANGUAGE: English  
REFERENCE COUNT: 48  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 360 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 1999:326177 SCISEARCH  
THE GENUINE ARTICLE: 188KG  
TITLE: Augmentation of melanoma-specific gene expression using a tandem melanocyte-specific enhancer results in increased cytotoxicity of the purine nucleoside phosphorylase gene in melanoma  
AUTHOR: Park B J; Brown C K; Hu Y; Alexander H R; Horti J; Raje S; Figg W D; Bartlett D L (Reprint)  
CORPORATE SOURCE: NCI, SURG BRANCH, METAB SECT, NIH, 10 CTR DR, ROOM 2B16, BETHESDA, MD 20892 (Reprint); NCI, SURG BRANCH, METAB SECT, NIH, BETHESDA, MD 20892; NCI, DIV CLIN SCI, MED BRANCH, NIH, BETHESDA, MD 20892  
COUNTRY OF AUTHOR: USA  
SOURCE: HUMAN GENE THERAPY, (10 APR 1999) Vol. 10, No. 6, pp. 889-898.  
Publisher: MARY ANN LIEBERT INC PUBL, 2 MADISON AVENUE, LARCHMONT, NY 10538.  
ISSN: 1043-0342.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 41  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 361 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 97:916179 SCISEARCH  
THE GENUINE ARTICLE: YK506  
TITLE: Cyclin D1 and retinoblastoma protein expression in Kaposi's sarcoma  
AUTHOR: Horenstein M G (Reprint); Cesarman E; Wang X; Linkov I; Prieto V G; Louie D C  
CORPORATE SOURCE: MEM SLOAN KETTERING CANC CTR, DEPT PATHOL, 1275 YORK AVE, NEW YORK, NY 10021 (Reprint); NEW YORK HOSP, CORNELL MED CTR, NEW YORK, NY 10021; DUKE UNIV, MED CTR, DURHAM, NC  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF CUTANEOUS PATHOLOGY, (NOV 1997) Vol. 24, No. 10, pp. 585-589.  
Publisher: MUNKSGAARD INT PUBL LTD, 35 NORRE SOGADE, PO BOX 2148, DK-1016 COPENHAGEN, DENMARK.  
ISSN: 0303-6987.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: CLIN  
LANGUAGE: English  
REFERENCE COUNT: 28  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 362 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 97:809034 SCISEARCH  
THE GENUINE ARTICLE: YD290  
TITLE: Serum withdrawal and etoposide induce apoptosis in human lung carcinoma cell line A549 via distinct pathways  
AUTHOR: Huang Y; Chan A M L; Liu Y; Wang X; Holbrook N J (Reprint)  
CORPORATE SOURCE: NIA, GENE EXPRESS & AGING SECT, GERONTOL RES CTR, NIH, 4940 EASTERN AVE, BALTIMORE, MD 21224 (Reprint); NIA, GENE EXPRESS & AGING SECT, GERONTOL RES CTR, NIH, BALTIMORE, MD 21224; MT SINAI MED CTR, DERAUD H RUTTENBERG CANC CTR, NEW YORK, NY 10029

COUNTRY OF AUTHOR: USA  
SOURCE: APOPTOSIS, (APR 1997) Vol. 2, No. 2, pp. 199-206.  
Publisher: RAPID SCIENCE PUBLISHERS, 2-6 BOUNDARY ROW,  
LONDON, ENGLAND SE1 8NH.  
ISSN: 1360-8185.

DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: English  
REFERENCE COUNT: 30

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 363 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 96:809340 SCISEARCH

THE GENUINE ARTICLE: VQ264

TITLE: RAPAMYCIN INHIBITS ALDOLASE-A EXPRESSION DURING  
HUMAN LYMPHOCYTE-ACTIVATION

AUTHOR: WANG X; LUO H Y; PERKS A; WU J P (Reprint)

CORPORATE SOURCE: UNIV MONTREAL, NOTRE DAME HOSP, LOUIS CHARLES SIMARD RES  
CTR, LAB TRANSPLANTAT IMMUNOL, MONTREAL, PQ H2L 4M1,  
CANADA (Reprint); UNIV MONTREAL, NOTRE DAME HOSP, LOUIS  
CHARLES SIMARD RES CTR, LAB TRANSPLANTAT IMMUNOL,  
MONTREAL, PQ H2L 4M1, CANADA; UNIV MONTREAL, NOTRE DAME  
HOSP, SERV NEPHROL, MONTREAL, PQ H2L 4M1, CANADA; UNIV  
MONTREAL, FAC MED, DEPT MED, MONTREAL, PQ H2L 4M1, CANADA

COUNTRY OF AUTHOR: CANADA

SOURCE: JOURNAL OF CELLULAR BIOCHEMISTRY, (01 NOV 1996) Vol. 63,  
No. 2, pp. 239-251.  
ISSN: 0730-2312.

DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 56

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 364 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 94:439899 SCISEARCH

THE GENUINE ARTICLE: NV031

TITLE: INTERLEUKIN-8 - A MITOGEN AND CHEMOATTRACTANT FOR VASCULAR  
SMOOTH-MUSCLE CELLS

AUTHOR: YUE T L (Reprint); WANG X; SUNG C P; OLSON B;  
MCKENNA P J; GU J L; FEUERSTEIN G Z

CORPORATE SOURCE: SMITHKLINE BEECHAM PHARMACEUT, DEPT CARDIOVASC PHARMACOL,  
POB 1539, UW-2510, KING OF PRUSSIA, PA, 19406 (Reprint)

COUNTRY OF AUTHOR: USA

SOURCE: CIRCULATION RESEARCH, (JUL 1994) Vol. 75, No. 1, pp. 1-7.  
ISSN: 0009-7330.

DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 41

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 365 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

ACCESSION NUMBER: 93:581497 SCISEARCH

THE GENUINE ARTICLE: LY022

TITLE: POTENTIATION OF CYP1A1 GENE-EXPRESSION IN MCF-7  
HUMAN BREAST-CANCER CELLS COTREATED WITH  
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN AND  
12-O-TETRADECANOYLPHORBOL-13-ACETATE

AUTHOR: MOORE M; NARASIMHAN T R; STEINBERG M A; WANG X;  
SAFE S (Reprint)

CORPORATE SOURCE: TEXAS A&M UNIV SYST, DEPT VET PHYSIOL & PHARMACOL, COLL  
STN, TX, 77843

COUNTRY OF AUTHOR: USA

SOURCE: ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, (SEP 1993) Vol.  
305, No. 2, pp. 483-488.  
ISSN: 0003-9861.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 51

L28 ANSWER 366 OF 403 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
ACCESSION NUMBER: 93:210485 SCISEARCH  
THE GENUINE ARTICLE: KV219  
TITLE: INTERACTION OF 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN,  
12-O-TETRADECANOYLPHORBOL-13-ACETATE (TPA) AND  
17-BETA-ESTRADIOL IN MCF-7 **HUMAN** BREAST-CANCER  
CELLS  
AUTHOR: MOORE M; NARASIMHAN T R; **WANG X**; KRISHNAN V;  
SAFE S (Reprint); WILLIAMS H J; SCOTT A I  
CORPORATE SOURCE: TEXAS A&M UNIV SYST, DEPT VET PHYSIOL & PHARMACOL, COLL  
STN, TX, 77843; TEXAS A&M UNIV SYST, DEPT CHEM, CTR BIOL  
NUCL MAGNET RESONANCE, COLL STN, TX, 77843  
COUNTRY OF AUTHOR: USA  
SOURCE: JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY,  
(MAR 1993) Vol. 44, No. 3, pp. 251-261.  
ISSN: 0960-0760.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 44  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L28 ANSWER 367 OF 403 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:403439 HCAPLUS  
DOCUMENT NUMBER: 139:259725  
TITLE: A novel IL-10 signalling mechanism regulates TIMP-1  
expression in **human** prostate tumor cells  
AUTHOR(S): Wang, M.; **Hu, Y.**; Stearns, M. E.  
CORPORATE SOURCE: Department of Pathology and Laboratory Medicine,  
MCP-Hahnemann University, Philadelphia, PA,  
19102-1192, USA  
SOURCE: British Journal of Cancer (2003), 88(10), 1605-1614  
CODEN: BJCAAI; ISSN: 0007-0920  
PUBLISHER: Nature Publishing Group  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 368 OF 403 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2003:325024 HCAPLUS  
DOCUMENT NUMBER: 140:159713  
TITLE: Nitric oxide promotes p53 nuclear retention and  
sensitizes neuroblastoma cells to apoptosis by  
ionizing radiation  
AUTHOR(S): **Wang, X.**; Zalcenstein, A.; Oren, M.  
CORPORATE SOURCE: Department of Molecular Cell Biology, Weizmann  
Institute of Science, Rehovot, Israel  
SOURCE: Cell Death and Differentiation (2003), 10(4), 468-476  
CODEN: CDDIEK; ISSN: 1350-9047  
PUBLISHER: Nature Publishing Group  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 369 OF 403 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2002:383142 HCAPLUS  
 DOCUMENT NUMBER: 137:150575  
 TITLE: Down-regulation of Id-1 expression is associated with  
 TGF $\beta$ 1-induced growth arrest in prostate  
 epithelial cells  
 AUTHOR(S): Ling, M. T.; Wang, X.; Tsao, S. W.; Wong, Y.  
 C.  
 CORPORATE SOURCE: Department of Anatomy, University of Hong Kong,  
 Faculty of Medicine, Hong Kong, SAR, Peop. Rep. China  
 SOURCE: Biochimica et Biophysica Acta (2002), 1570(3), 145-152  
 CODEN: BBACAQ; ISSN: 0006-3002  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 370 OF 403 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:612734 HCAPLUS  
 DOCUMENT NUMBER: 136:242743  
 TITLE: Identification of downstream target genes of latent  
 membrane protein 1 in nasopharyngeal carcinoma cells  
 by suppression subtractive hybridization  
 AUTHOR(S): Kwok Fung Lo, A.; Liu, Y.; Wang, X.; Wong,  
 Y. C.; Kai Fai Lee, C.; Huang, D. P.; Tsao, S. W.  
 CORPORATE SOURCE: Department of Anatomy, Faculty of Medicine, University  
 of Hong Kong, Hong Kong, Peop. Rep. China  
 SOURCE: Biochimica et Biophysica Acta (2001), 1520(2), 131-140  
 CODEN: BBACAQ; ISSN: 0006-3002  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 371 OF 403 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2001:370781 HCAPLUS  
 DOCUMENT NUMBER: 135:134365  
 TITLE: Enhanced reporter gene expression in the rat brain  
 from helper virus-free HSV-1 vectors packaged in the  
 presence of specific mutated HSV-1 proteins that  
 affect the virion  
 AUTHOR(S): Yang, T.; Zhang, G.-r.; Zhang, W.; Sun, M.; Wang,  
 X.; Geller, A. I.  
 CORPORATE SOURCE: Division of Endocrinology, Children's Hospital,  
 Boston, MA, 02115, USA  
 SOURCE: Molecular Brain Research (2001), 90(1), 1-16  
 CODEN: MBREE4; ISSN: 0169-328X  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 372 OF 403 HCAPLUS COPYRIGHT 2004 ACS on STN  
 ACCESSION NUMBER: 2000:367514 HCAPLUS  
 DOCUMENT NUMBER: 133:86247  
 TITLE: WAF1 accumulation by carbon-ion beam and  
 $\alpha$ -particle irradiation in human  
 glioblastoma cultured cells  
 AUTHOR(S): Takahashi, A.; Ohnishi, K.; Tsuji, K.; Matsumoto, H.;  
 Aoki, H.; Wang, X.; Tamamoto, T.; Yukawa,  
 O.; Furusawa, Y.; Ejima, Y.; Tachibana, A.; Ohnishi,

CORPORATE SOURCE: T.  
Department of Biology, Nara Medical University, Nara,  
634-8521, Japan  
SOURCE: International Journal of Radiation Biology (2000),  
76(3), 335-341  
CODEN: IJRBE7; ISSN: 0955-3002  
PUBLISHER: Taylor & Francis Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 373 OF 403 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1999:755452 HCAPLUS  
DOCUMENT NUMBER: 132:233655  
TITLE: Effects of protein kinase inhibitors on  
radiation-induced WAF1 accumulation in human  
cultured melanoma cells  
AUTHOR(S): Fujino, M.; Ohnishi, K.; Asahi, M.; Wang, X.  
; Takahashi, A.; Ohnishi, T.  
CORPORATE SOURCE: Department of Dermatology, University of Occupational  
and Environmental Health, Fukuoka, 807-8555, Japan  
SOURCE: British Journal of Dermatology (1999), 141(4), 652-657  
CODEN: BJDEAZ; ISSN: 0007-0963  
PUBLISHER: Blackwell Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 374 OF 403 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1997:677740 HCAPLUS  
DOCUMENT NUMBER: 127:329460  
TITLE: Serum withdrawal and etoposide induce apoptosis in  
human lung carcinoma cell line A549 via  
distinct pathways  
AUTHOR(S): Huang, Y.; Chan, A. M. -L.; Liu, Y.; Wang, X.  
; Holbrook, N. J.  
CORPORATE SOURCE: Gene Expression and Aging Section, Gerontology  
Research Center, National Institute on Aging, National  
Institutes of Health, Baltimore, MD, 21224, USA  
SOURCE: Apoptosis (1997), 2(2), 199-206  
CODEN: APOPFN; ISSN: 1360-8185  
PUBLISHER: Rapid Science Publishers  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L28 ANSWER 375 OF 403 HCAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 1993:643388 HCAPLUS  
DOCUMENT NUMBER: 119:243388  
TITLE: Potentiation of CYP1A1 gene expression in MCF-7  
human breast cancer cells cotreated with  
2,3,7,8-tetrachlorodibenzo-p-dioxin and  
12-O-tetradecanoylphorbol-13-acetate  
AUTHOR(S): Moore, M.; Narasimhan, T. R.; Steinberg, M. A.;  
Wang, X.; Safe, S.  
CORPORATE SOURCE: Dep. Vet. Physiol. Pharmacol., Texas A and M Univ.,  
College Station, TX, 77843-4466, USA  
SOURCE: Archives of Biochemistry and Biophysics (1993),  
305(2), 483-8  
CODEN: ABBIA4; ISSN: 0003-9861  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L28 ANSWER 376 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2004:34133 LIFESCI

TITLE: Wnk1 **kinase** deficiency lowers blood pressure in mice: A gene-trap screen to identify potential targets for therapeutic intervention

AUTHOR: Zambrowicz, B.P.; Abuin, A.; Ramirez-Solis, R.; Richter, L.J.; Piggott, J.; BeltrandelRio, H.; Buxton, E.C.; Edwards, J.; Finch, R.A.; Friddle, C.J.; Gupta, A.; Hansen, G.; **Hu, Y.**; Huang, W.; Jaing, C.; Key Jr, B.W.; Kipp, P.; Kohlhauff, B.; Ma, Z.-Q.; Markesich, D.; Payne, R.; Potter, D.G.; Qian, N.; Shaw, J.; Schrick, J.; Shi, Z.-Z.; Sparks, M.J.; Van Sligtenhorst, I.; Vogel, P.; Walke, W.; Xu, N.; Zhu, Q.; Person, C.; Sands, A.T.

CORPORATE SOURCE: Lexicon Genetics, 8800 Technology Forest Place, The Woodlands, TX 77381; E-mail: brian@lexgen.com

SOURCE: Proceedings of the National Academy of Sciences, USA [Proc. Natl. Acad. Sci. USA], (20031125) vol. 100, no. 24, pp. 14109-14114. The sequences reported in this article have been deposited in the GenBank database (accession nos. CG472819-CG671551). All valid OSTs are available at <A HREF="http://www.lexicon-genetics.com/omnibank/pnas2003/search.htm">www.lexicon-genetics.com/omnibank/pnas2003/search.htm The reference list used to estimate OmniBank genome coverage and a genomewide view of gene-trap density along the mouse chromosomes can be viewed at <A HREF="http://www.lexicon-genetics.com/omnibank/pnas2003">www.lexicon-genetics.com/omnibank/pnas2003.  
ISSN: 0027-8424.

DOCUMENT TYPE: Journal

FILE SEGMENT: G

LANGUAGE: English

SUMMARY LANGUAGE: English

L28 ANSWER 377 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2004:22428 LIFESCI

TITLE: Induction of cIAP-2 in **Human** Colon Cancer Cells through PKC delta /NF- Kappa B

AUTHOR: Wang, Q.; **Wang, X.**; Evers, B.M.

CORPORATE SOURCE: Department of Surgery and the Sealy Center for Cancer Cell Biology, The University of Texas Medical Branch, Galveston, Texas 77555; E-mail: mevers@utmb.edu

SOURCE: Journal of Biological Chemistry [J. Biol. Chem.], (20031219) vol. 278, no. 51, pp. 51091-51099.  
ISSN: 0021-9258.

DOCUMENT TYPE: Journal

FILE SEGMENT: N

LANGUAGE: English

SUMMARY LANGUAGE: English

L28 ANSWER 378 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2004:9036 LIFESCI

TITLE: Homotypic Secretory Vesicle Fusion Induced by the Protein Tyrosine Phosphatase MEG2 Depends on Polyphosphoinositides in T Cells

AUTHOR: Huynh, H.; **Wang, X.**; Li, W.; Bottini, N.; Williams, S.; Nika, K.; Ishihara, H.; Godzik, A.; Mustelin, T.

CORPORATE SOURCE: Program of Signal Transduction, Bioinformatics Group, Cancer Research Center, The Burnham Institute, La Jolla, CA 92037

SOURCE: Journal of Immunology [J. Immunol.], (20030000) vol. 171, no. 12, pp. 6661-6671.  
ISSN: 0022-1767.

DOCUMENT TYPE: Journal

FILE SEGMENT: F  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 379 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2004:6162 LIFESCI  
TITLE: Interactions between Human Cytomegalovirus IE1-72  
and Cellular p107: Functional Domains and Mechanisms of  
Up-Regulation of Cyclin E/cdk2 Kinase Activity  
AUTHOR: Zhang, Z.; Huong, S.-M.; Wang, X.; Huang, D.Y.;  
Huang, E.-S.\*  
CORPORATE SOURCE: CB #7295, Lineberger Comprehensive Cancer Center, Rm.  
32006, University of North Carolina at Chapel Hill School  
of Medicine, Chapel Hill, NC 27599-7295; E-mail:  
eshuang@med.unc.edu  
SOURCE: Journal of Virology [J. Virol.], (20031200) vol. 77, no.  
23, pp. 12660-12670.  
ISSN: 0022-538X.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: V  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 380 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2003:94982 LIFESCI  
TITLE: Regulation of Molecular Chaperone Gene Transcription  
Involves the Serine Phosphorylation, 14-3-3 epsilon  
Binding, and Cytoplasmic Sequestration of Heat Shock Factor  
1  
AUTHOR: Wang, X.; Grammatikakis, N.; Siganou, A.;  
Calderwood, S.K.\*  
CORPORATE SOURCE: Center for the Molecular Stress Response, 650 Albany St.,  
X300, Boston University School of Medicine, Boston MA  
02118-2393; E-mail: stuart\_calderwood@medicine.bu.edu  
SOURCE: Molecular and Cellular Biology [Mol. Cell. Biol.],  
(20030900) vol. 23, no. 17, pp. 6013-6026.  
ISSN: 0270-7306.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: N  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 381 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2003:77367 LIFESCI  
TITLE: Epidermal growth factor receptor is a cellular receptor for  
human cytomegalovirus  
AUTHOR: Wang, X.; Huong, S.; Chiu, M.L.; Raab-Traub, N.;  
Huang, E.  
CORPORATE SOURCE: Lineberger Comprehensive Cancer Center, Department of  
Medicine, and Department of Microbiology and Immunology,  
The University of North Carolina at Chapel Hill, Chapel  
Hill, North Carolina 27599-7295, USA  
SOURCE: Nature, (20030724) vol. 424, no. 6947, pp. 456-461.  
ISSN: 0028-0836.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: V  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 382 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2003:76965 LIFESCI  
TITLE: IL-10 signaling via IL-10E1 is dependent on tyrosine  
phosphorylation in the IL-10R alpha chain in  
human primary prostate cancer cell lines

AUTHOR: Stearns, M.E.; Hu, Y.; Wang, M.  
CORPORATE SOURCE: Department of Pathology and Laboratory, Drexel University  
College of Medicine, Medicine, MS 435, 15th and Vine Sts,  
Philadelphia, PA 19102-1192, USA; E-mail: Stearnsm1@aol.com  
SOURCE: Oncogene, (20030612) vol. 22, no. 24, pp. 3781-3791.  
ISSN: 0950-9232.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: N; B  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 383 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2003:48284 LIFESCI  
TITLE: A beta 17-42 in Alzheimer's disease activates JNK and  
caspase-8 leading to neuronal apoptosis  
AUTHOR: Wei, W.; Norton, D.D.; Wang, X.; Kusiak, J.W.  
CORPORATE SOURCE: Molecular Neurobiology, Laboratory of Cellular and  
Molecular Biology, Intramural Research Program, GRC,  
National Institute on Aging, National Institutes of Health,  
5600 Nathan Shock Drive, Baltimore, MD 21224-6825, USA;  
E-mail: wanliwei@hotmail.com  
SOURCE: Brain, (20020900) vol. 125, no. 9, pp. 2036-2043.  
ISSN: 0006-8950.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: N3  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 384 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2003:44136 LIFESCI  
TITLE: Caveolin-Induced Activation of the Phosphatidylinositol 3-  
Kinase/Akt Pathway Increases Arsenite Cytotoxicity  
AUTHOR: Shack, S.; Wang, X.; Kokkonen, G.C.; Gorospe, M.;  
Longo, D.L.; Holbrook, N.J.\*  
CORPORATE SOURCE: Department of Internal Medicine, Yale University School of  
Medicine, 300 George St., Room 8100, New Haven, CT 06511;  
E-mail: Nikki.Holbrook@yale.edu  
SOURCE: Molecular and Cellular Biology [Mol. Cell. Biol.],  
(20030400) vol. 23, no. 7, pp. 2407-2414.  
ISSN: 0270-7306.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: X  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 385 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2003:40965 LIFESCI  
TITLE: HIV-1 Vpr Activates Cell Cycle Inhibitor p21/Waf1/Cip1: A  
Potential Mechanism of G2/M Cell Cycle Arrest  
AUTHOR: Chowdhury, I.H.; Wang, X.; Landau, N.R.; Robb,  
M.L.; Polonis, V.R.; Birx, D.L.; Kim, J.H.  
SOURCE: Virology, (20030120) vol. 305, no. 2, pp. 371-377.  
ISSN: 0042-6822.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: V; N  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 386 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2003:26426 LIFESCI  
TITLE: Activation of MAPK signaling pathway is essential for Id-1  
induced serum independent prostate cancer cell growth  
AUTHOR: Ling, M.-T.; Wang, X.; Ouyang, X.-S.; Lee,  
T.K.W.; Fan, T.-Y.; Xu, K.; Tsao, S.-W.; Wong, Y.C.



CORPORATE SOURCE: Department of Anatomy, Laboratory Block, Faculty of  
Medicine, The University of Hong Kong, 21 Sassoon Road,  
Hong Kong, SAR, China; E-mail: ycwong@hkuc.hku.hk  
SOURCE: Oncogene, (20021205) vol. 21, no. 55, pp. 8498-8505.  
ISSN: 0950-9232.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: B  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 387 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2003:11096 LIFESCI  
TITLE: Regulation of TRAIL Expression by the Phosphatidylinositol  
3-Kinase/Akt/GSK-3 Pathway in Human  
Colon Cancer Cells  
AUTHOR: Wang, Q.; Wang, X.; Hernandez, A.; Hellmich,  
M.R.; Gatalica, Z.; Evers, B.M.  
CORPORATE SOURCE: Departments of Surgery and Pathology, The University of  
Texas Medical Branch, Galveston, Texas; E-mail:  
mevers@utmb.edu.  
SOURCE: Journal of Biological Chemistry [J. Biol. Chem.], (20020927  
) vol. 277, no. 39, pp. 36602-36610.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: B  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 388 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2002:78703 LIFESCI  
TITLE: Factor VIIa Induces Tissue Factor-dependent Up-regulation  
of Interleukin-8 in a Human Keratinocyte Line  
AUTHOR: Wang, X.; Gjernes, E.; Prydz, H.  
CORPORATE SOURCE: Biotechnology Centre of Oslo, University of Oslo,  
Gaustadalleen 21, 0349 Oslo, Norway; E-mail:  
hans.prydz@biotek.uio.no  
SOURCE: Journal of Biological Chemistry [J. Biol. Chem.], (20020628  
) vol. 277, no. 26, pp. 23620-23626.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: N  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 389 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2002:74115 LIFESCI  
TITLE: Human Cytomegalovirus Hyperimmune Globulin Not  
Only Neutralizes HCMV Infectivity, But Also Inhibits  
HCMV-Induced Intracellular NF- Kappa B, Sp1, and PI3-K  
Signaling Pathways  
AUTHOR: Andreoni, K.A.; Wang, X.; Huang, S.-M.; Huang,  
E.-S.  
CORPORATE SOURCE: Department of Surgery, CB#7210, 3010 Old Clinic Building,  
University of North Carolina, Chapel Hill, NC 27599-7210,  
USA; E-mail: kenneth\_andreoni@med.unc.edu  
SOURCE: Journal of Medical Virology [J. Med. Virol.], (20020500)  
vol. 67, no. 1, pp. 33-40.  
ISSN: 0146-6615.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: V  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 390 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2002:55092 LIFESCI  
TITLE: Expression of CTLA-4 by **Human** Monocytes  
AUTHOR: **Wang, X.-.**; Giscombe, R.; Yan, Z.; Heiden, T.;  
Xu, D.; Lefvert, A.K.  
CORPORATE SOURCE: Immunological Research Unit, CMM;  
SOURCE: Scandinavian Journal of Immunology [Scand. J. Immunol.],  
(20020100) vol. 55, no. 1, pp. 53-60.  
ISSN: 0300-9475.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: F  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 391 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2002:51231 LIFESCI  
TITLE: KEPI, a PKC-dependent Protein Phosphatase 1 Inhibitor  
Regulated by Morphine  
AUTHOR: Liu, Q.; Zhang, P.; Zhen, Q.; Walther, D.; **Wang, X.**  
; Uhl, G.R.  
CORPORATE SOURCE: Molecular Neurobiology Branch, National Institute on Drug  
Abuse Intramural Research Program, Baltimore, Maryland  
21224, USA; E-mail: guhl@intra.nida.nih.gov  
SOURCE: Journal of Biological Chemistry [J. Biol. Chem.], (20020412  
) vol. 277, no. 15, pp. 13312-13320.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: N; G  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 392 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2002:50669 LIFESCI  
TITLE: Transcriptional Regulation of Kaposi's Sarcoma-associated  
Herpesvirus-encoded Oncogene Viral Interferon Regulatory  
Factor by a Novel Transcriptional Silencer, Tis  
AUTHOR: **Wang, X.**; Zhang, Y.; Deng, J.; Pan, H.; Zhou, F.;  
Gao, S.  
CORPORATE SOURCE: Department of Pediatrics, University of Texas Health  
Science Center at San Antonio, San Antonio, Texas  
78229-3900, USA; E-mail: gaos@uthscsa.edu  
SOURCE: Journal of Biological Chemistry [J. Biol. Chem.], (20020405  
) vol. 277, no. 14, pp. 12023-12031.  
ISSN: 0021-9258.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: V; N  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 393 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2001:107108 LIFESCI  
TITLE: Yaba-Like Disease Virus: an Alternative Replicating  
Poxvirus Vector for Cancer Gene Therapy  
AUTHOR: **Hu, Y.**; Lee, J.; McCart, J.A.; Xu, H.; Moss, B.;  
Alexander, H.R.; Bartlett, D.L.\*  
CORPORATE SOURCE: Surgery Branch, NCI, NIH, Building 10, Rm. 2B16, 9000  
Rockville Pike, Bethesda, MD 20892.; E-mail: dbart@nih.gov  
SOURCE: Journal of Virology [J. Virol.], (20011100) vol. 75, no.  
21, pp. 10300-10308.  
ISSN: 0022-538X.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: N; W3; V  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 394 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2001:84694 LIFESCI

TITLE: **Human** Cytomegalovirus Up-Regulates the  
Phosphatidylinositol 3-Kinase (PI3-K) Pathway:  
Inhibition of PI3-K Activity Inhibits Viral Replication and  
Virus-Induced Signaling

AUTHOR: Johnson, R.A.; Wang, X.; Ma, X.; Huong, S.;  
Huang, E.\*

CORPORATE SOURCE: CB no. 7295, Lineberger Comprehensive Cancer Center, Rm.  
32- 026, University of North Carolina at Chapel Hill,  
Chapel Hill, NC 27599-7295; E-mail: eshuang@med.unc.edu

SOURCE: Journal of Virology [J. Virol.], (20010700) vol. 75, no.  
13, pp. 6022-6032.  
ISSN: 0022-538X.

DOCUMENT TYPE: Journal

FILE SEGMENT: N; V

LANGUAGE: English

SUMMARY LANGUAGE: English

L28 ANSWER 395 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2001:17195 LIFESCI

TITLE: Requirement for ERK Activation in Cisplatin-induced  
Apoptosis

AUTHOR: Wang, X.; Martindale, J.L.; Holbrook, N.J.

CORPORATE SOURCE: Cell Stress and Aging Section, Laboratory of Biological  
Chemistry, National Institute on Aging, National Institutes  
of Health, Baltimore, Maryland 21224-6825

SOURCE: Journal of Biological Chemistry [J. Biol. Chem.], (20001215  
)  
vol. 275, no. 50, pp. 39435-39443.  
ISSN: 0021-9258.

DOCUMENT TYPE: Journal

FILE SEGMENT: B

LANGUAGE: English

SUMMARY LANGUAGE: English

L28 ANSWER 396 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2000:71086 LIFESCI

TITLE: Specific inhibition of FGF-induced MAPK activation by the  
receptor-like protein tyrosine phosphatase LAR

AUTHOR: Wang, X.; Weng, L.-P.; Yu, Q.\*

CORPORATE SOURCE: Department of Medicine, Pulmonary Center, Boston University  
Medical Center, Boston, Massachusetts, MA 02118, USA

SOURCE: Oncogene, (20000504) vol. 19, no. 19, pp. 2346-2353.  
ISSN: 0950-9232.

DOCUMENT TYPE: Journal

FILE SEGMENT: B

LANGUAGE: English

SUMMARY LANGUAGE: English

L28 ANSWER 397 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN

ACCESSION NUMBER: 2000:57416 LIFESCI

TITLE: Murine Myak, a Member of a Family of Yeast YAK1-Related  
Genes, Is Highly Expressed in Hormonally Modulated  
Epithelia in the Reproductive System and in the Embryonic  
Central Nervous System

AUTHOR: Shang, E.; Wang, X.; Huang, J.; Yoshida, W.;  
Kuroiwa, A.; Wolgemuth, D.J.

CORPORATE SOURCE: Department of Genetics and Development, Columbia  
University, College of Physicians and Surgeons, 630 W.  
168th Street, New York, NY 10032, USA; E-mail:  
djw3@columbia.edu

SOURCE: Molecular Reproduction and Development [Mol. Reprod. Dev.],  
(20000400) vol. 55, no. 4, pp. 372-378.  
ISSN: 1040-452X.

DOCUMENT TYPE: Journal  
FILE SEGMENT: G  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 398 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2000:47543 LIFESCI  
TITLE: Activation of the PAK-Related Kinase by  
Human Immunodeficiency Virus Type 1 Nef in Primary  
Human Peripheral Blood Lymphocytes and Macrophages  
Leads to Phosphorylation of a PIX-p95 Complex  
AUTHOR: Brown, A.; Wang, X.; Sawai, E.; Mayer, C.C.\*  
CORPORATE SOURCE: Aaron Diamond AIDS Research Center, 455 First Ave., New  
York, NY 10016; E-mail: cmayer@adarc.org  
SOURCE: Journal of Virology [J. Virol.], (1999)1200 vol. 73, no.  
12, pp. 9899-9907.  
ISSN: 0022-538X.

DOCUMENT TYPE: Journal  
FILE SEGMENT: F; V  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 399 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 2000:45835 LIFESCI  
TITLE: Transforming Growth Factor- beta -mediated p15 super(INK4B)  
Induction and Growth Inhibition in Astrocytes Is  
SMAD3-dependent and a Pathway Prominently Altered in  
Human Glioma Cell Lines  
AUTHOR: Rich, J.N.; Zhang, M.; Datto, M.B.; Bigner, D.D.;  
Wang, X.  
SOURCE: Journal of Biological Chemistry [J. Biol. Chem.], (1999)1200  
) vol. 274, no. 49, pp. 35053-35058.  
ISSN: 0021-9258.

DOCUMENT TYPE: Journal  
FILE SEGMENT: G; B  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 400 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 1999:78249 LIFESCI  
TITLE: Tumor Necrosis Factor- alpha -induced Proliferation of  
Human Mo7e Leukemic Cells Occurs via Activation of  
Nuclear Factor Kappa B Transcription Factor  
AUTHOR: Liu, R.Y.; Fan, C.; Olashaw, N.E.; Wang, X.;  
Zuckerman, K.S.  
CORPORATE SOURCE: Department of Biochemistry/Molecular Biology, University of  
South Florida, Tampa, FL 33612 USA  
SOURCE: Journal of Biological Chemistry [J. Biol. Chem.], (1999)0414  
) vol. 274, no. 20, pp. 13877-13885.  
ISSN: 0021-9258.

DOCUMENT TYPE: Journal  
FILE SEGMENT: B; N  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 401 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 1999:54230 LIFESCI  
TITLE: SU5416 Is a Potent and Selective Inhibitor of the Vascular  
Endothelial Growth Factor Receptor (Flk-1/KDR) That  
Inhibits Tyrosine Kinase Catalysis, Tumor  
Vascularization, and Growth of Multiple Tumor Types  
AUTHOR: Fong, T.A.T.; Shawver, L.K.; Sun, L.; Tang, C.; App, H.;  
Powell, T.J.; Kim, Y.H.; Schreck, R.; Wang, X.;  
Risau, W.; Ullrich, A.; Hirth, K.P.; McMahon, G.\*

CORPORATE SOURCE: SUGEN, Inc., South San Francisco, California 94080, USA  
SOURCE: Cancer Research [Cancer Res.], (19990100) vol. 59, no. 1,  
pp. 99-106.  
ISSN: 0008-5472.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: B  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 402 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 1999:50144 LIFESCI  
TITLE: Activating and dominant inactivating c-KIT catalytic domain  
mutations in distinct clinical forms of **human**  
mastocytosis  
AUTHOR: Longley, B.J. Jr.; Metcalfe, D.D.; Tharp, M.; Wang,  
X.; Tyrrell, L.; Lu, S.; Heitjan, D.; Ma, Y.  
CORPORATE SOURCE: Department of Dermatology, Section of Dermatopathology,  
College of Physicians and Surgeons of Columbia University,  
New York, NY 10032; E-mail: jack.longley@columbia.edu  
SOURCE: Proceedings of the National Academy of Sciences, USA [Proc.  
Natl. Acad. Sci. USA], (19990216) vol. 96, no. 04, pp.  
1609-1614.  
ISSN: 0027-8424.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: G; F  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L28 ANSWER 403 OF 403 LIFESCI COPYRIGHT 2004 CSA on STN  
ACCESSION NUMBER: 1999:35655 LIFESCI  
TITLE: Adeno-Associated Virus Type 2-Mediated Gene Transfer: Role  
of Epidermal Growth Factor Receptor Protein Tyrosine  
Kinase in Transgene Expression  
AUTHOR: Mah, C.; Qing, K.; Khuntirat, B.; Ponnazhagan, S.;  
Wang, X.; Kube, D.M.; Yoder, M.C.; Srivastava, A.\*  
CORPORATE SOURCE: Department of Microbiology and Immunology, Indiana  
University School of Medicine, 635 Barnhill Dr., Medical  
Science Building, Room 257, Indianapolis, IN 46202-5120  
USA; E-mail: asrivast@iupui.edu  
SOURCE: Journal of Virology [J. Virol.], (19981200) vol. 72, no.  
12, pp. 9835-9843.  
ISSN: 0022-538X.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: W3; V; G  
LANGUAGE: English  
SUMMARY LANGUAGE: English

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(FILE 'HOME' ENTERED AT 14:10:04 ON 04 JUN 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,  
LIFESCI' ENTERED AT 14:10:30 ON 04 JUN 2004

L1 1204382 S KINASE?  
L2 438123 S HUMAN AND L1  
L3 6548936 S CLON? OR EXPRESS? OR RECOMBINANT  
L4 214612 S L2 AND L3  
L5 3247357 S BRAIN OR PITUITARY OR CEREBELLUM OR SALIVARY  
L6 2507058 S KIDNEY OR TESTIS OR PROSTATE OR THYROID  
L7 833862 S CERVIX OR UTERUS OR PERICARDIUM OR PANCREAS  
L8 17018 S L4 AND L5  
L9 20100 S L4 AND L6  
L10 4904 S L4 AND L7

L11 37419 S L8 OR L9 OR L10  
 L12 37419 S L4 AND L11  
 L13 20104 S HUMAN (3W) L1  
 L14 2093 S L12 AND L13  
 L15 404387 S SERINE OR THREONINE  
 L16 427 S L14 AND L15  
     E HU Y/AU  
     E HU Y/AU  
 L17 3415 S E3  
     E NEPOMNICHY B/AU  
 L18 20 S E3  
     E WANG X/AU  
 L19 13606 S E3  
     E DONOHO G/AU  
 L20 64 S E3  
     E SCOVILLE J/AU  
 L21 31 S E3  
     E WADE W D/AU  
 L22 20 S E3  
 L23 17513 S L16 OR L17 OR L18 OR L19 OR L20 OR L21 OR L22  
 L24 427 S L16 AND L23  
 L25 17086 S L17 OR L18 OR L19 OR L20 OR L21 OR L22  
 L26 0 S L16 AND L25  
 L27 0 S L14 AND L25  
 L28 403 S L2 AND L25  
 L29 11 S L13 AND L28  
 L30 10 DUP REM L29 (1 DUPLICATE REMOVED)  
 L31 267 S L4 AND L25  
 L32 11 S L13 AND L31  
 L33 10 DUP REM L32 (1 DUPLICATE REMOVED)  
 L34 9649 S L4 AND L13  
 L35 11 S L25 AND L34

	L #	Hits	Search Text
1	L1	50867	serine or threonine
2	L2	48190	kinase\$2
3	L3	6540	l1 same l2
4	L4	63043 2	clon\$3 or express\$3 or recombinant
5	L5	2662	l3 same l4
6	L6	940	human same l5
7	L7	11822 0	brain or pituitary or cerebellum or salivary or kidney
8	L8	800	l6 and l7
9	L9	57738	testis or prostate or thyroid or cervix or uterus or precardium or pancreas
10	L10	635	l6 and l9
11	L11	841	l8 or l10
12	L12	3367	l1 adj l2
13	L14	572	human and l13

	L #	Hits	Search Text
14	L15	77007	l1 daj3 l2
15	L16	34205	l15 same l4
16	L17	841	l11 and l16
17	L13	572	l11 and l12
18	L18	10407 4	YU WANG DONOHO SCOVILLE NEPOMNICHY WALKE
19	L19	188	l13 and l18



	Issue Date	Pages	Document ID	Title
1	20040603	143	US 20040106667 A1	Substituted indazoles, compositions containing them, method of production and use
2	20040527	56	US 20040101857 A1	Modulation of cytokine-inducible kinase expression
3	20040520	61	US 20040097409 A1	Compositions and methods for inhibiting human immunodeficiency virus infection by down-regulating human cellular genes
4	20040520	58	US 20040096890 A1	Compositions, organisms and methodologies employing a novel human kinase
5	20040520	151	US 20040096889 A1	Compositions, organisms and methodologies employing a novel human kinase
6	20040513	78	US 20040092469 A1	Androgen-regulated PMEPA1 gene and polypeptides
7	20040513	42	US 20040091992 A1	PAK4 - related antibodies
8	20040513	279	US 20040091969 A1	Novel compounds
9	20040506	36	US 20040087537 A1	Compositions comprising fusion polypeptides HIV-Nef and NGF, and methods of using the same
10	20040429	84	US 20040082602 A1	Substituted thiophene carboxamide compounds for the treatment of inflammation

	Issue Date	Pages	Document ID	Title
11	20040422	379	US 20040077090 A1	Whole cell engineering by mutagenizing a substantial portion of a starting genome, combining mutations, and optionally repeating
12	20040415	64	US 20040072184 A1	Cancer associated protein kinases and their uses
13	20040325	139	US 20040058355 A1	Novel 21910, 56634, 55053, 2504, 15977, 14760, 25501, 17903, 3700, 21529, 26176, 26343, 56638, 18610, 33217, 21967, H1983, M1983, 38555 or 593 molecules and uses therefor
14	20040318	209	US 20040053317 A1	Gene segregation and biological sample classification methods
15	20040311	267	US 20040048249 A1	Novel nucleic acids and secreted polypeptides
16	20040304	198	US 20040044181 A1	Novel nucleic acids and polypeptides
17	20040226	152	US 20040038881 A1	Human kinases
18	20040226	176	US 20040038349 A1	Heteromultimeric TNF ligand family members
19	20040219	219	US 20040033971 A1	Polypeptides and nucleic acids encoding same

	Issue Date	Pages	Document ID	Title
20	20040212	50	US 20040029857 A1	Heterocyclic inhibitors of ERK2 and uses thereof
21	20040212	277	US 20040029216 A1	Proteins, polynucleotides encoding them and methods of using the same
22	20040205	141	US 20040023276 A1	LXR-ligand induced genes and proteins
23	20040205	71	US 20040023231 A1	System for identifying and analyzing expression of are-containing genes
24	20040129	413	US 20040018969 A1	Nucleic acids, proteins, and antibodies
25	20040129	234	US 20040018525 A1	Methods and compositions for the prediction, diagnosis, prognosis, prevention and treatment of malignant neoplasma

	Issue Date	Pages	Document ID	Title
26	20040129	112	US 20040018185 A1	Human kinases
27	20040122		US 20040016025 A1	Rice promoters for regulation of plant expression
28	20040122	14	US 20040014112 A1	Novel human kinase proteins and polynucleotides encoding the same
29	20040122		US 20040014083 A1	Detection of heteroduplex polynucleotides using mutant nucleic acid repair enzymes with attenuated catalytic activity
30	20040115	484	US 20040009479 A1	Methods and compositions for diagnosing or monitoring auto immune and chronic inflammatory diseases
31	20040108	58	US 20040005624 A1	84573, a human protein kinase family member and uses therefor
32	20040108		US 20040005567 A1	Antisense modulation of cyclin-dependent kinase 4 expression
33	20031218		US 20030232391 A1	Identification of kinase inhibitors
34	20031211		US 20030228618 A1	Methods and systems for identifying naturally occurring antisense transcripts and methods, kits and arrays utilizing same

	Issue Date	Pages	Document ID	Title
35	20031211	206	US 20030228570 A1	Methods of diagnosis of Hepatitis C infection, compositions and methods of screening for modulators of Hepatitis C infection
36	20031204	317	US 20030225527 A1	Crystals and structures of MST3
37	20031204	142	US 20030225248 A1	186 human secreted proteins
38	20031127	103	US 20030220224 A1	Novel polynucleotides encoding the human citron kinase polypeptide, BMSNKC_0020/0021
39	20031127	176	US 20030219875 A1	Albumin fusion proteins
40	20031113		US 20030212019 A1	Antisense modulation of cot oncogene expression
41	20031113	136	US 20030211093 A1	Human kinases
42	20031106	148	US 20030207299 A1	Human kinases

	Issue Date	Pages	Document ID	Title
43	20031023		US 20030198975 A1	Proteins associated with cell growth, differentiation, and death
44	20031002		US 20030186254 A1	Regulation of HIV-Tat and Nef by PAK4 kinase and its binding partners and methods of identifying modulators thereof
45	20030918	74	US 20030176651 A1	Multiprotein-complex comprising a nmda receptor and uses thereof
46	20030918	256	US 20030175858 A1	186 human secreted proteins
47	20030918		US 20030175208 A1	Neutrokin-alpha and neutrokin-alpha splice variant
48	20030911	14	US 20030171429 A1	Anti-inflammatory and psoriasis treatment and protein kinase inhibition by hydroxylstilbenes and novel stilbene derivatives and analogues
49	20030911		US 20030170713 A1	Method of detecting androgen-regulated gene
50	20030904		US 20030165945 A1	Human Pellino polypeptides
51	20030821		US 20030157526 A1	Identification of genetic markers of biological age and metabolism

	Issue Date	Pages	Document ID	Title
52	20030814	278	US 20030154032 A1	Methods and compositions for diagnosing and treating rheumatoid arthritis
53	20030807	38	US 20030148316 A1	Methods and compositions relating to plasmacytoid dendritic cells
54	20030724		US 20030138803 A1	Identification and use of molecules implicated in pain
55	20030724	460	US 20030138432 A1	Selective cellular targeting: multifunctional delivery vehicles, multifunctional prodrugs, use as antineoplastic drugs
56	20030703		US 20030125361 A1	Substituted pyrazolyl benzenesulfamide compounds for the treatment of inflammation

	Issue Date	Pages	Document ID	Title
57	20030619		US 20030114432 A1	Substituted pyrazolyl compounds for the treatment of inflammation
58	20030619		US 20030114382 A1	Glycogen synthase kinase function in endothelial cells
59	20030612		US 20030109550 A1	Substituted indazole compounds for the treatment of inflammation
60	20030529		US 20030099627 A1	Method for determining modulation of p110delta activity
61	20030522		US 20030096262 A1	Uses of Ku70
62	20030515		US 20030091565 A1	Binding polypeptides and methods based thereon



	Issue Date	Pages	Document ID	Title
63	20030508		US 20030087411 A1	Death associated kinase containing ankyr in repeats (DAKAR) and methods of use
64	20030508		US 20030087273 A1	Compositions and methods for inhibiting human immunodeficiency virus infection by down-regulating human cellular genes
65	20030501		US 20030083276 A1	Uses of DNA-PK
66	20030501		US 20030082745 A1	TNF-inducible promoters and methods for using
67	20030424	77	US 20030077697 A1	Novel serine/threonine protein-kinase like proteins and nucleic acids encoding the same
68	20030403		US 20030065180 A1	Tricyclic protein kinase inhibitors
69	20030403		US 20030065157 A1	Genes expressed in lung cancer
70	20030403	14	US 20030064495 A1	Novel human kinase proteins and polynucleotides encoding the same
71	20030313	222	US 20030050230 A1	STE20-RELATED PROTEIN KINASES
72	20030313	260	US 20030049618 A1	186 human secreted proteins
73	20030306		US 20030044809 A1	Nucleic acid binding of multi-zinc finger transcription factors

	Issue Date	Pages	Document ID	Title
74	20030227		US 20030039957 A1	Functional protein expression for rapid cell-free phenotyping
75	20030206	96	US 20030027983 A1	Purified and isolated potassium-chloride cotransporter nucleic acids and polypeptides and therapeutic and screening methods using same
76	20030206	41	US 20030027756 A1	SAK: modulation of cellular proliferation for treatment of cancer
77	20030206		US 20030027165 A1	Alternative pol kappa nucleotide and amino acid sequence and methods for using
78	20021121		US 20020173461 A1	Methods for enhancing the efficacy of cancer therapy
79	20021017	298	US 20020151681 A1	Nucleic acids, proteins and antibodies
80	20021010	21	US 20020147320 A1	Novel human kinase proteins and polynucleotides encoding the same
81	20021003	79	US 20020142325 A1	PAK 2: modulators of lymphocyte activation
82	20020905	26	US 20020123622 A1	Novel human kinases and polynucleotides encoding the same
83	20020905		US 20020123139 A1	Antibodies which bind specifically to activin receptor like kinases
84	20020822		US 20020115112 A1	Neutrokin-alpha and Neutrokin-alpha splice variant
85	20020815		US 20020110833 A1	Methods to diagnose a required regulation of trophoblast invasion

	Issue Date	Pages	Document ID	Title
86	20020808		US 20020106736 A1	Human tumor necrosis factor receptor TR17
87	20020801		US 20020102679 A1	Compositions and methods for the therapy and diagnosis of ovarian cancer
88	20020711	16	US 20020090625 A1	Methods of detecting cancer based on prostasin
89	20020627	20	US 20020081600 A1	Novel human kinase proteins and polynucleotides encoding the same
90	20020530		US 20020064855 A1	Genes that regulate hematopoietic blood forming stem cells and uses thereof
91	20020404		US 20020040127 A1	Compositions and methods for the therapy and diagnosis of colon cancer
92	20020328		US 20020038011 A1	Novel human kinases and polynucleotides encoding the same
93	20020328		US 20020038009 A1	Novel human kinase protein and polynucleotides encoding the same
94	20020307		US 20020028815 A1	Novel multicyclic compounds and the use thereof
95	20020228		US 20020026052 A1	3-cyanoquinolines, 3-cyano-1,6-naphthyridines, and 3-cyano-1,7-naphthyridines as protein kinase inhibitors
96	20020221	44	US 20020023280 A1	Expressed sequences of arabidopsis thaliana

	Issue Date	Pages	Document ID	Title
97	20011213		US 20010051620 A1	Tricyclic protein kinase inhibitors
98	20010816		US 20010014329 A1	METHODS OF IDENTIFYING MODULATORS OF KINASES RESPONSIVE TO STRESS
99	20010705		US 20010006954 A1	Gene transcription and ionizing radiation: methods and compositions
100	20040601		US 6743906 B1	PPP2R1B is a tumor suppressor
101	20040525		US 6740506 B2	End selection in directed evolution
102	20040511		US 6734009 B2	Human kinases and polynucleotides encoding the same
103	20040420		US 6723837 B1	Nucleic acid molecule and encoded protein associated with sterol synthesis and metabolism
104	20040406		US 6716616 B1	Human kinase proteins and polynucleotides encoding the same
105	20040330		US 6713279 B1	Non-stochastic generation of genetic vaccines and enzymes
106	20040302		US 6699850 B2	Compositions and methods for inhibiting bone resorption
107	20040224		US 6696260 B1	Methods to identify growth differentiation factor (GDF) binding proteins

	Issue Date	Pages	Document ID	Title
108	20040217		US 6692925 B1	Proteins having serine/threonine kinase domains, corresponding nucleic acid molecules, and their use
109	20040217		US 6692744 B2	Betaglycan as an inhibin receptor and uses thereof
110	20040210		US 6689772 B1	3-cyanoquinolines, 3-cyano-1,6-naphthyridines, and 3-cyano-1,7-naphthyridines as protein kinase inhibitors
111	20040203		US 6686147 B1	Cancer associated antigens and uses therefor
112	20040120		US 6680170 B2	Polynucleotides encoding STE20-related protein kinases and methods of use
113	20031223		US 6667168 B1	PAK4, a novel gene encoding a serine/threonine kinase
114	20031202	248	US 6656716 B1	Polypeptide fragments of human PAK5 protein kinase
115	20031104		US 6642362 B1	Genes coding proteins for early liver development and their use in diagnosing and treating liver disease

	Issue Date	Pages	Document ID	Title
116	20031028		US 6638929 B2	Tricyclic protein kinase inhibitors
117	20031021		US 6635449 B2	Exonuclease-mediated nucleic acid reassembly in directed evolution
118	20030909		US 6617147 B2	Human kinase proteins and polynucleotides encoding the same
119	20030909		US 6617117 B1	MAP kinases: polypeptides, polynucleotides and uses thereof
120	20030902		US 6613506 B1	Compositions and methods for inhibiting human immunodeficiency virus infection by down-regulating human cellular genes
121	20030826		US 6610504 B1	Methods of determining SAM-dependent methyltransferase activity using a mutant SAH hydrolase
122	20030812		US 6605712 B1	Gene transcription and ionizing radiation: methods and compositions
123	20030812		US 6605449 B1	Synthetic ligation reassembly in directed evolution
124	20030805		US 6602698 B2	Human kinase proteins and polynucleotides encoding the same

	Issue Date	Pages	Document ID	Title
125	20030701		US 6586185 B2	Use of polypeptides or nucleic acids for the diagnosis or treatment of skin disorders and wound healing and for the identification of pharmacologically active substances
126	20030624		US 6582905 B1	Transmembrane trapping methods
127	20030527		US 6569624 B1	Identification of genetic markers of biological age and metabolism
128	20030520		US 6566130 B1	Androgen-regulated gene expressed in prostate tissue
129	20030513		US 6562594 B1	Saturation mutagenesis in directed evolution
130	20030401		US 6541252 B1	Human kinases and polynucleotides encoding the same
131	20030325		US 6537776 B1	Synthetic ligation reassembly in directed evolution
132	20030218		US 6521618 B2	3-cyanoquinolines, 3-cyano-1,6-naphthyridines, and 3-cyano-1,7-naphthyridines as protein kinase inhibitors

	Issue Date	Pages	Document ID	Title
133	20021231	65	US 6500938 B1	Composition for the detection of signaling pathway gene expression
134	20021119		US 6482623 B1	Lipid kinase
135	20021112		US 6479258 B1	Non-stochastic generation of genetic vaccines
136	20021001		US 6458561 B1	Human NIM1 kinase
137	20020813		US 6432931 B1	Compositions and methods for inhibiting bone resorption
138	20020730		US 6426221 B1	Antisense modulation of RIP2 expression
139	20020716		US 6420526 B1	186 human secreted proteins
140	20020709		US 6416964 B2	Methods of identifying modulators of kinases responsive to stress
141	20020611		US 6403352 B1	Compositions and methods for production of male-sterile plants
142	20020604		US 6399298 B1	Ku70--related methods



	Issue Date	Pages	Document ID	Title
143	20020423		US 6376199 B1	Methods to diagnose a required regulation of trophoblast invasion
144	20020326		US 6362395 B1	Compositions and methods for production of male-sterile plants
145	20020219		US 6348573 B1	Compositions and methods for identifying apoptosis signaling pathway inhibitors and activators
146	20020101	38	US 6335169 B1	Nucleic acids encoding hBub1, a cell cycle checkpoint gene
147	20011218		US 6331621 B1	Isolated nucleic acid molecules which encode activin-receptor like kinases, expression vectors and cells containing these
148	20011113		US 6316217 B1	Activin receptor-like kinases, proteins having serine threonine kinase domains and polynucleotides encoding same
149	20010807		US 6271365 B1	Activin like receptor--Isolated kinase proteins ALK-2, ALK-4, ALK-5, and nucleic acid molecules encoding them
150	20010724		US 6265216 B1	Antisense modulation of cot oncogene expression
151	20010403		US 6210654 B1	Jak kinases and regulation of cytokine signal transduction

	Issue Date	Pages	Document ID	Title
152	20010327		US 6207814 B1	Activin receptor-like kinases, ALK-3 and ALK-6, and nucleic acids encoding them
153	20010227		US 6194187 B1	Apoptosis-inducing protein and gene encoding the same
154	20001205		US 6156736 A	Gene transcription and ionizing radiation: methods and compositions
155	20001024		US 6136595 A	Jak kinases and regulations of cytokine signal transduction
156	20000620		US 6077991 A	Compositions and methods for production of male-sterile plants
157	20000620		US 6077947 A	DNA encoding an intracellular chimeric receptor comprising Janus kinase
158	20000509		US 6060296 A	Protein kinases
159	20000411		US 6048706 A	Human PAK65

	Issue Date	Pages	Document ID	Title
160	20000321		US 6040149 A	Assay for identifying agents which act on the ceramide-activated protein kinase, kinase suppressor of ras, and methods of using said agents
161	20000314		US 6037136 A	Interactions between RaF proto-oncogenes and CDC25 phosphatases, and uses related thereto
162	20000111		US 6013500 A	PAK4, a novel gene encoding a serine/threonine kinase
163	20000111		US 6013464 A	Human PAK65
164	19991116		US 5985635 A	Nucleic acids encoding novel human serine/threonine protein kinases
165	19991109		US 5981248 A	Mammalian cell death preventing kinase, DPK
166	19991012		US 5965706 A	Regulator of gene transcription
167	19990928		US 5958721 A	Methods for screening of substances for therapeutic activity and yeast for use therein
168	19990921		US 5955594 A	Nucleic acids encoding proteins for early liver development
169	19990615		US 5912224 A	Methods and compositions for enhancing cellular response to TGF-.beta. ligands
170	19990112		US 5858701 A	DNA encoding an insulin receptor substrate

	Issue Date	Pages	Document ID	Title
171	19981229	31	US 5854223 A	S-DC28 as an antirestenosis agent after balloon injury
172	19981117		US 5837544 A	Method of inducing a cell to proliferate using a chimeric receptor comprising janus kinase
173	19980707		US 5776698 A	Regulation of gene transcription
174	19980623		US 5770581 A	Gene transcription and ionizing radiation: methods and compositions
175	19980616		US 5767073 A	D4 gene and methods of use thereof
176	19980526		US 5756289 A	Protein kinases
177	19980421		US 5741899 A	Chimeric receptors comprising janus kinase for regulating cellular proliferation
178	19980317		US 5728536 A	Jak kinases and regulation of Cytokine signal transduction
179	19971216		US 5698445 A	Human PAK65
180	19971216		US 5698428 A	Human PAK65
181	19971111		US 5686412 A	Protein kinases
182	19970902		US 5663314 A	Human signal transduction MAPK kinase

	Issue Date	Pages	Document ID	Title
183	19970506		US 5627064 A	Protein kinases
184	19970225		US 5605825 A	Human PAK65
185	19970204		US 5599681 A	Activation-state-specific phosphoprotein immunodetection
186	19961105		US 5571797 A	Method of inducing gene expression by ionizing radiation
187	19960813		US 5545616 A	Method for predicting and/or preventing preterm labor
188	19960521		US 5518911 A	Human PAK65